

STIC-Biotech/ChemLib

From: Canella, Karen  
Sent: Tuesday, February 14, 2006 6:19 PM  
To: STIC-Biotech/ChemLib  
Subject: sequence search request for 09/724,254

Karen Canella  
Art Unit 1643  
Office Rem 3A29  
Mail Rem 3C18  
571-272-0828

In 09/724,254:

Published Application and Interference Search in the Protein Databases:

1. oligomer of SEQ ID NO:3
2. oligomer of residues 556-977 of SEQ ID NO:41
3. oligomer of residues 556-759 of SEQ ID NO:44

\*\*\*\*\*

Searcher: \_\_\_\_\_  
Searcher Phone: \_\_\_\_\_  
Date Searcher Picked up: \_\_\_\_\_  
Date completed: \_\_\_\_\_  
Searcher Prep Time: \_\_\_\_\_  
Online Time: \_\_\_\_\_

\*\*\*\*\*

Type of Search  
NA# \_\_\_\_\_ AA# \_\_\_\_\_  
S/L: \_\_\_\_\_ Oligomer: \_\_\_\_\_  
Encode/Transl: \_\_\_\_\_  
Structure #: \_\_\_\_\_ Text: \_\_\_\_\_  
Inventor: \_\_\_\_\_ Litigation: \_\_\_\_\_

\*\*\*\*\*

Vendors and cost where applicable  
STN: \_\_\_\_\_  
DIALOG: \_\_\_\_\_  
QUESTEL/ORBIT: \_\_\_\_\_  
LEXIS/NEXIS: \_\_\_\_\_  
SEQUENCE SYSTEM: \_\_\_\_\_  
WWW/Internet: \_\_\_\_\_  
Other (Specify): \_\_\_\_\_

**This Page Blank (uspto)**

GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioacceleration Ltd.

OM protein - protein search, using sw model

Run on: February 17, 2006, 06:37:40 ; Search time 30.1346 Seconds  
(without alignments)  
1624.177 Million cell updates/sec

Title: US-09-724-254A-3

Sequence: 1 MLWVILVLAIPVSGQPART.....AEFSLTHSPKULFALSFLP 592

Scoring table: OLIGO  
Gapop 60.0 , Gapext 60.0

Searched: 572060 seqs, 82675679 residues

Word size : 0

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database :

Issued\_Patente\_AA: \*  
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2: /cgn2\_6/ptodata/1/isa/6\_COMB.pep: \*  
3: /cgn2\_6/ptodata/1/isa/H\_COMB.pep: \*  
4: /cgn2\_6/ptodata/1/isa/ECTOS\_COMB.pep: \*  
5: /cgn2\_6/ptodata/1/isa/RE\_COMB.pep: \*  
6: /cgn2\_6/ptodata/1/isa/backfile1.pep: \*

Pred. NO. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	514	86.8	1248	2	US-09-949-016-10595
2	514	86.8	1248	2	US-09-949-016-10596
3	102	17.2	124	2	US-09-991-181-146
4	102	17.2	124	2	US-09-990-444-146
5	102	17.2	124	2	US-09-997-333-146
6	102	17.2	124	2	US-09-992-598-146
7	9	1.5	51	2	US-08-569-147-91
8	9	1.5	107	2	US-08-838-682-16
9	9	1.5	107	2	US-08-895-914-16
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23	8	1.4	107	1	US-08-888-366-26
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25	8	1.4	230	2	US-09-485-737B-102
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27	8	1.4	233	2	US-09-485-737B-69

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29	8	1.4	235	2	US-09-485-737B-93	Sequence 93, Appl
30	8	1.4	235	2	US-10-071-485-93	Sequence 93, Appl
31	8	1.4	240	2	US-09-485-737B-91	Sequence 91, Appl
32	8	1.4	261	2	US-10-071-485-91	Sequence 91, Appl
33	8	1.4	261	2	US-09-245-764-7	Sequence 7, Appl
34	8	1.4	267	2	US-09-485-737B-2	Sequence 2, Appl
35	8	1.4	267	2	US-10-071-485-2	Sequence 2, Appl
36	8	1.4	374	2	US-10-071-736A-10	Sequence 10, Appl
37	8	1.4	469	2	US-09-538-092-948	Sequence 948, App
38	8	1.4	469	2	US-09-949-016-11133	Sequence 11133, A
39	8	1.4	541	2	US-09-485-737B-85	Sequence 85, Appl
40	8	1.4	541	2	US-10-071-485-85	Sequence 85, Appl
41	8	1.4	711	2	US-09-485-737B-90	Sequence 90, Appl
42	8	1.4	711	2	US-10-071-485-90	Sequence 90, Appl
43	8	1.4	878	2	US-09-826-509-347	Sequence 347, App
44	8	1.4	906	1	US-08-486-270-2	Sequence 2, Appl
45	8	1.4	906	2	US-08-367-264-2	Sequence 2, Appl

## ALIGNMENTS

```

RESULT 1
US-09-949-016-10595
; Sequence 10595, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: C0001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 10595
; LENGTH: 1248
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-10595

Query Match      86.8%; Score 514; DB 2; Length 1248;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MLWVILVLAIPVSGQPARTPRPIIFLOPWTYVQGERVTLTCKGRFFSPKXTMYR 60
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DB      476 MLWVILVLAIPVSGQPARTPRPIIFLOPWTYVQGERVTLTCKGRFFSPKXTMYR 535

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DB      536 YLKEIILRETFDNLLEVOBSGEYRCQAQSPSSPVLHDFSSASLIIOAPLSYFEGDSYV 595

QY      121 LRCRAKEVTLNNTIYKNDVLAFLNKRTDFHHPACIKDNGAVRCTGYECCPVSSNT 180
        |||||
DB      596 LRCRAKEVTLNNTIYKNDVLAFLNKRTDFHHPACIKDNGAVRCTGYECCPVSSNT 655

QY      181 VCIQVQEPFTRPVLRASSFQPIISGNPVTLTCTQIISLRSQVPIRPFEPDDOTLGLMS 240
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QY      241 LSPNQTITAMMSKDSGCFYCKAATMPSVTSIDSPRSWIOVQIPASHVTLTSPKALNF 300
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QY      301 GPKVTLHCEIODESLRTLYRFYHGVPLRHKSVRCERGASISFSLTTENSGNYCTADNG 360

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Db 836 LGAKPSKAVSLSTVVPVSHPVNLISPEPDLIFGAKVTLHCEAQRGSLPILYQFHEDAA 895
Qy 421 LERRSANSAGVAISFSLTAHSGNYYCTADNGFGORSKAVSLSTVVPVSHPVLTLSA 480
Db 896 LERRSANSAGVAISFSLTAHSGNYYCTADNGFGORSKAVSLSTVVPVSHPVLTLSA 955
Qy 481 EALTPEGATVTLHCEVQSGSPQILYQFYHEDMPL 514
Db 956 EALTPEGATVTLHCEVQSGSPQILYQFYHEDMPL 989

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US-09-949-016-10596
; Sequence 10596, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CU001307
; CURRENT APPLICATION NUMBER: US/09/949, 016
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 10596
; LENGTH: 1248
; TYPE: PRT
; ORGANISM: Human
; US-09-949-016-10596

Query Match 86.8%; Score 514; DB 2; Length 1248;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLMLVILLVLAAPVSGQFARTPRPIIFLOPWTTVFQGERVTLTCKGRFYSPOKTKMYAR 60
Db 476 MLMLVILLVLAAPVSGQFARTPRPIIFLOPWTTVFQGERVTLTCKGRFYSPOKTKMYAR 535
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Db 536 YLGRKILRETPDNLLEVOESGERTCOAQGSPLSPVHLDRSSASLLIQAPLSVEGDSV 595
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Db 596 LRCGAKAEVTLNNTIYKNDVLAFLNKRTPDPIHACIKDNGARCTGYKSSCCPVSSNT 655
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Db 716 LSPNFQITAMWSKDSGYWCQAATMPHSVSDSRSMIQVOIPASHVTLTSPKALNFE 775
Qy 301 GTKYTLHCEQEDSLRTLYRHHGVPLRHKSVRCESGASISFLTTENSNNYCTADNG 360
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Qy 481 EALTPEGATVTLHCEVQSGSPQILYQFYHEDMPL 514
Db 956 EALTPEGATVTLHCEVQSGSPQILYQFYHEDMPL 989

RESULT 3
US-09-991-181-146
; Sequence 146, Application US/09991181
; Patent No. 6913919
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC53
; CURRENT APPLICATION NUMBER: US/09/991,181
; CURRENT FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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; PRIOR FILING DATE: 1998-06-04
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PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091633  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091978  
PRIOR FILING DATE: 1998-07-07  
PRIOR APPLICATION NUMBER: 60/091982  
PRIOR FILING DATE: 1998-07-07  
PRIOR APPLICATION NUMBER: 60/092182  
PRIOR FILING DATE: 1998-07-09

Query Match 17.2%; Score 102; DB 2; Length 124;  
Best local similarity 100.0%; Pred. No. 1,1e-91;  
Matches 102; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MLNWTLLVTLAPVSGGAFARTPRPIIFLOPMTTVOGGERVLTCTCKGFRFYSPOKTKMYHR 60

Qy 61 YLKEILRETPDNILEVOSSEYRCOAQSSPLSSPYHLDPS 102  
Db 61 YLKEILRETPDNILEVOSSEYRCOAQSSPLSSPYHLDPS 102

RESULT 4  
US-09-990-444-146  
Sequence 146, Application US/09990444  
Patent No. 6930170  
GENERAL INFORMATION:  
APPLICANT: Aekhenazi, Avi J.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerltzen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Guiney, Austin L.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
Acids Encoding the Same  
FILE REFERENCE: P2730P1C19  
CURRENT APPLICATION NUMBER: US/09/990,444  
CURRENT FILING DATE: 2001-11-14  
PRIOR APPLICATION NUMBER: 60/049787  
PRIOR FILING DATE: 1997-06-16  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/065186  
PRIOR FILING DATE: 1997-11-12  
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Query Match 17.2%, Score 102, DB 2; Length 124;  
Best Local Similarity 100.0%; Pred.No. 1, 1e-91;  
Matches 102; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MLNLTWLVAVSGQKFRPRTPIPTOPWTVVRCGEVTLTCKGRFVSGPOKTKMYH 60  
QY 61 YLKEILRETNDNILEVQSGEYRCQAQGSPLSSPVHIDFSS 102  
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DB 61 YLKEILRETNDNILEVQSGEYRCQAQGSPLSSPVHIDFSS 102  
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US-09-997-333-146  
Sequence 146, Application US/09997333  
Patent No. 6953836  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Deenoyers, Luc  
APPLICANT: Baton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gottlieb, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Klayin, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Reou, Nicholas P.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tunas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P27301C27  
CURRENT FILING DATE: 2001-11-15  
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DB 61 YLKGELIRETPDNIIEVOESGERYCOAGSPSSPVHLDPSS 102



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RESULT 6
US-09-992-598-146
Sequence 146: Application us/09992598
Patent No. 6956108
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Borstein, David
APPLICANT: Desnoy, Luc
APPLICANT: Ercan, Dan L.
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APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730PIC20
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Query March 17.2%; Score 102; DB 2; Length 124;
Best Local Similarity 100.0%; Pred. No. 1.1e-91;
Matches 102; Conservative 0; Mismatches 0; Indels 0; Gaps 0

QY 1 MLWLWILLVLPVSSQFARTPRPIIFLPDPMTTVEQGESEVLTGCFRFPSPQKTKMYHR 60
    |||||
Db 1 MLWLWILLVLPVSSQFARTPRPIIFLPDPMTTVEQGESEVLTGCFRFPSPQKTKMYHR 60

QY 61 YLGGKILLRETPDNIILEVQESGGEYRCOAQSSPLSPVHLDFSS 102
    |||||
Db 61 YLGGKILLRETPDNIILEVQESGGEYRCOAQSSPLSPVHLDFSS 102

RESULT 7
US-08-569-147-91
; Sequence 91, Application US/08569147

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Patent No. 6180377  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: HUMANISED ANTIBODIES  
NUMBER OF SEQUENCES: 95  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &  
ADDRESSEE: No. 6180377x18, LLP  
STREET: One Liberty Place - 46th Floor  
City: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/569,147  
FILING DATE: 25-March-1996  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Trujillo, Doreen Yacho  
REGISTRATION NUMBER: 35,719  
REFERENCE/DOCKET NUMBER: CARP-0047  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 91:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 51 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULAR TYPE: protein  
US-08-569-147-91

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Query Match 1.5%; Score 9; DB 2; Length 51;
Best Local Similarity 100.0%; Pred. No. 0.49;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 37 GERVLTTC 45
    |||||
    |||||
Db 40 GERVLTTC 48

RESULT 8
US-08-838-682-16
; Sequence 16, Application US/08838682
; Patent No. 6107090
; GENERAL INFORMATION:
; APPLICANT: Bander M.D., Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF PROSTATE
; TITLE OF INVENTION: CANCER
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: Clinton Square, P.O. Box 1051
; CITY: Rochester
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 14603-1051
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,682
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/016,976

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; FILING DATE: 06-MAY-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/022,125
; FILING DATE: 18-JUL-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldman, Michael L.
; REGISTRATION NUMBER: 30,727
; REFERENCE/DOCKET NUMBER: 19603/1172
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 263-1304
; TELEFAX: (716) 263-1600
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 107 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULAR TYPE: protein
; US-08-838-682-16

Query Match 1.5%; Score 9; DB 2; Length 107;
Best Local Similarity 100.0%; Pred. No. 0.97;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GERVTLTK 45
DB 16 GERVTLTK 24

RESULT 9
; US-08-895-914-16
; Sequence 16, Application US/08895914
; Patent No. 6136311
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: Clinton Square, P.O. Box 1051
; CITY: Rochester
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 14603-1051
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/895,914
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/016,976
; FILING DATE: 06-MAY-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/022,125
; FILING DATE: 18-JUL-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/838,682
; FILING DATE: 09-APR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldman, Michael L.
; REGISTRATION NUMBER: 30,727
; REFERENCE/DOCKET NUMBER: 19603/1173
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 263-1304
; TELEFAX: (716) 263-1600
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 107 amino acids
; TYPE: amino acid
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; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-895-914-16

Query Match 1.5%; Score 9; DB 2; Length 107;
Best Local Similarity 100.0%; Pred. No. 0.97;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GERVTLTK 45
DB 16 GERVTLTK 24

RESULT 10
; US-09-357-710A-16
; Sequence 16, Application US/09357710A
; Patent No. 6290956
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF PROSTATE CANCER
; FILE REFERENCE: Lois M. Kwasiogoch: BZL 242/025
; CURRENT APPLICATION NUMBER: US/09/357,710A
; FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 16
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus sp.
; US-09-357-710A-16

Query Match 1.5%; Score 9; DB 2; Length 107;
Best Local Similarity 100.0%; Pred. No. 0.97;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GERVTLTK 45
DB 16 GERVTLTK 24

RESULT 11
; US-09-357-707-16
; Sequence 16, Application US/09357707
; Patent No. 6649163
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
; FILE REFERENCE: Lois M. Kwasiogoch: BZL 242/078
; CURRENT APPLICATION NUMBER: US/09/357,707
; FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/895,914
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 16
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus sp.
; US-09-357-707-16
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Query Match 1.5%; Score 9; DB 2; Length 107;  
Best Local Similarity 100.0%; Pred. No. 0.97;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GERVTLTK 45  
Db 16 GERVTLTK 24

RESULT 12  
US-09-357-708-16  
; Sequence 16, Application US/09357708  
; Patent No. 6770450  
; GENERAL INFORMATION:  
; APPLICANT: Bander, Neil H.  
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER  
; FILE REFERENCE: Lois M. Kwasigroch: B2L 242/028  
; CURRENT APPLICATION NUMBER: US/09/357,708  
; CURRENT FILING DATE: 1999-07-20  
; PRIOR APPLICATION NUMBER: US 08/895,914  
; PRIOR FILING DATE: 1997-07-17  
; PRIOR APPLICATION NUMBER: US 08/838,682  
; PRIOR FILING DATE: 1997-04-09  
; PRIOR APPLICATION NUMBER: US 60/016,976  
; PRIOR FILING DATE: 1996-05-06  
; PRIOR APPLICATION NUMBER: US 60/022,125  
; NUMBER OF SEQ ID NOS: 21  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 16  
; LENGTH: 107  
; TYPE: PRT  
; ORGANISM: Mus sp.  
US-09-357-708-16

Query Match 1.5%; Score 9; DB 2; Length 107;  
Best Local Similarity 100.0%; Pred. No. 0.97;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GERVTLTK 45  
Db 16 GERVTLTK 24

RESULT 13  
PCT-US92-02044-2  
; Sequence 2, Application PC/TUS9202044  
; GENERAL INFORMATION:  
; APPLICANT: BIOGEN, INC.  
; APPLICANT: SATO, Vicki L.  
; APPLICANT: CHISHOLM, Patricia L.  
; APPLICANT: WALINER, Barbara P.  
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES RECOGNIZING  
; TITLE OF INVENTION: LYMPHOCYTE FUNCTION ASSOCIATED ANTIGEN-3  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: C/O FISH & NEAVE  
; STREET: 875 Third Avenue  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10022  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US92/02044  
; FILING DATE: 19920312  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/667,975

FILING DATE: 12-MAR-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: HALEY Jr., James F.  
; REGISTRATION NUMBER: 27,794  
; REFERENCE/DOCKET NUMBER: B150CIP  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 715-0600  
; TELEFAX: (212) 715-0673  
; TELEX: 14-8367  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 109 amino acids  
; TYPE: AMINO ACID  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
PCT-US92-02044-2

Query Match 1.5%; Score 9; DB 4; Length 109;  
Best Local Similarity 100.0%; Pred. No. 0.96;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GERVTLTK 45  
Db 16 GERVTLTK 24

RESULT 14  
US-08-838-682-11  
; Sequence 11, Application US/08838682  
; Patent No. 6107090  
; GENERAL INFORMATION:  
; APPLICANT: Bander M.D., Neil H.  
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF PROSTATE  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP  
; STREET: Clinton Square, P.O. Box 1051  
; CITY: Rochester  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 14603-1051  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/838,682  
; FILING DATE:  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/016,976  
; FILING DATE: 06-MAY-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/022,125  
; FILING DATE: 18-JUL-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Goldman, Michael L.  
; REGISTRATION NUMBER: 30,727  
; REFERENCE/DOCKET NUMBER: 19603/1172  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (716) 263-1304  
; TELEFAX: (716) 263-1600  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 121 amino acids  
; TYPE: amino acid  
; STRANDEDNESS:  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-838-682-11

Query Match 1.5%; Score 9; DB 2; Length 121;  
 Best Local Similarity 100.0%; Pred. No. 1.1;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GERVLTCK 45  
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 Db 22 GERVLTCK 30

## RESULT 15

US-08-895-914-11  
 ; Sequence 11, Application US/08895914  
 ; Patent No. 6136311  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bander, Neil H.  
 ; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER  
 ; NUMBER OF SEQUENCES: 19  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP  
 ; STREET: Clinton Square, P.O. Box 1051  
 ; CITY: Rochester  
 ; STATE: New York  
 ; COUNTRY: U.S.A.  
 ; ZIP: 14603-1051  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/895,914  
 ; FILING DATE:  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 60/016,976  
 ; FILING DATE: 06-MAY-1996  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 60/022,125  
 ; FILING DATE: 18-JUL-1996  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/838,682  
 ; FILING DATE: 09-APR-1997  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Goldman, Michael L.  
 ; REGISTRATION NUMBER: 30,727  
 ; TELEPHONE/DOCKET NUMBER: 19603/1173  
 ; TELEPHONE: (716) 263-1304  
 ; TELEFAX: (716) 263-1600  
 ; INFORMATION FOR SEQ ID NO: 11:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 121 amino acids  
 ; TYPE: amino acid  
 ; STRANDEDNESS:  
 ; TOPOLOGY: linear  
 ; MOLECULAR TYPE: Protein  
 ; US-08-895-914-11

Query Match 1.5%; Score 9; DB 2; Length 121;  
 Best Local Similarity 100.0%; Pred. No. 1.1;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GERVLTCK 45  
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 Db 22 GERVLTCK 30

Search completed: February 17, 2006, 06:38:54  
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GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioacceleration Ltd.

OM protein - protein search, using sw model

Run on: February 17, 2006, 06:56:30 / Search time 141.924 Seconds  
(without alignments)  
1742.863 Million cell updates/sec

Title: US-09-724-254A-3

Sequence: 1 MLTAVILVLAIPVSGQFART.....AEFSLTHSPNLPALSSFLP 592

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Searched: 1867569 seqs, 417829326 residues

Word size: 0

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Minimum DB seq length: 0  
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Post-processing: Listing first 45 summaries

Database: Published Applications RA Main:  
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3: /cgn\_6/ptodaca/1/pdbpa/us10\_PUBCOMB.pep.\*  
4: /cgn\_6/ptodaca/1/pdbpa/us10B\_PUBCOMB.pep.\*  
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6: /cgn\_6/ptodaca/1/pdbpa/us11\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	* Query Match	Length	ID	Description
1	514	86.8	592	4 US-10-040-862-10461	Sequence 10461, A
2	514	86.8	592	4 US-10-057-475B-10461	Sequence 10461, A
3	514	86.8	592	4 US-10-154-884B-10461	Sequence 10461, A
4	514	86.8	592	4 US-10-403-847-8	Sequence 8, Appl1
5	514	86.8	592	4 US-10-764-324-10461	Sequence 10461, A
6	514	86.8	759	4 US-10-040-862-10460	Sequence 10460, A
7	514	86.8	759	4 US-10-057-475B-10460	Sequence 10460, A
8	514	86.8	759	4 US-10-154-884B-10460	Sequence 10460, A
9	514	86.8	759	4 US-10-403-847-7	Sequence 7, Appl1
10	514	86.8	759	4 US-10-764-324-10460	Sequence 10460, A
11	514	86.8	977	4 US-10-040-862-10462	Sequence 10462, A
12	514	86.8	977	4 US-10-241-220-97	Sequence 97, Appl1
13	514	86.8	977	4 US-10-057-475B-10462	Sequence 10462, A
14	514	86.8	977	4 US-10-154-884B-10462	Sequence 10462, A
15	514	86.8	977	4 US-10-403-847-9	Sequence 9, Appl1
16	514	86.8	977	4 US-10-764-324-10462	Sequence 10462, A
17	514	86.8	977	5 US-10-872-972-97	Sequence 97, Appl1
18	514	86.8	977	5 US-10-872-972-97	Sequence 97, Appl1
19	514	86.8	977	5 US-10-983-140-35	Sequence 35, Appl1
20	412	69.6	790	4 US-10-403-847-4	Sequence 4, Appl1
21	261	47.5	317	4 US-10-403-847-2	Sequence 2, Appl1
22	246	41.6	439	4 US-10-403-847-6	Sequence 6, Appl1
23	151	22.5	152	4 US-10-403-847-10	Sequence 10, Appl1
24	102	17.2	102	4 US-10-403-847-124	Sequence 124, App
25	102	17.2	124	3 US-09-989-723-146	Sequence 146, App
26	102	17.2	124	3 US-09-989-723-146	Sequence 146, App
27	102	17.2	124	3 US-09-989-723-146	Sequence 146, App

28	102	17.2	124	3 US-09-989-727-146	Sequence 146, App
29	102	17.2	124	3 US-09-989-731-146	Sequence 146, App
30	102	17.2	124	3 US-09-989-732-146	Sequence 146, App
31	102	17.2	124	3 US-09-991-073-146	Sequence 146, App
32	102	17.2	124	3 US-09-990-442-146	Sequence 146, App
33	102	17.2	124	3 US-09-991-163-146	Sequence 146, App
34	102	17.2	124	3 US-09-993-604-146	Sequence 146, App
35	102	17.2	124	3 US-09-990-456-146	Sequence 146, App
36	102	17.2	124	3 US-09-989-458-146	Sequence 146, App
37	102	17.2	124	3 US-09-989-732A-146	Sequence 146, App
38	102	17.2	124	3 US-09-989-735-146	Sequence 146, App
39	102	17.2	124	3 US-09-990-444-146	Sequence 146, App
40	102	17.2	124	3 US-09-991-161-146	Sequence 146, App
41	102	17.2	124	3 US-09-989-730-146	Sequence 146, App
42	102	17.2	124	3 US-09-989-436-146	Sequence 146, App
43	102	17.2	124	3 US-09-993-687-146	Sequence 146, App
44	102	17.2	124	3 US-09-989-734-146	Sequence 146, App
45	102	17.2	124	3 US-09-989-734-146	Sequence 146, App

## ALIGNMENTS

RESULT 1  
US-10-040-862-10461  
; Sequence 10461, Application US/10040862  
; Publication No. US2003078396A1  
; GENERAL INFORMATION:  
; APPLICANT: Gaiger, Alexander  
; APPLICANT: Algate, Paul A.  
; APPLICANT: Mannion, Jane  
; APPLICANT: Retter, Marc  
; APPLICANT: Corixa Corporation  
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy  
; FILE REFERENCE: 014058-013520US  
; CURRENT APPLICATION NUMBER: US/10/040,862  
; PRIOR FILING DATE: 2001-11-06  
; PRIOR APPLICATION NUMBER: US 60/186,126  
; PRIOR FILING DATE: 2000-03-01  
; PRIOR APPLICATION NUMBER: US 60/190,479  
; PRIOR FILING DATE: 2000-03-17  
; PRIOR APPLICATION NUMBER: US 60/200,545  
; PRIOR FILING DATE: 2000-04-27  
; PRIOR APPLICATION NUMBER: US 60/200,303  
; PRIOR FILING DATE: 2000-04-28  
; PRIOR APPLICATION NUMBER: US 60/200,779  
; PRIOR FILING DATE: 2000-04-28  
; PRIOR APPLICATION NUMBER: US 60/200,999  
; PRIOR FILING DATE: 2000-05-01  
; PRIOR APPLICATION NUMBER: US 60/202,084  
; PRIOR FILING DATE: 2000-05-04  
; PRIOR APPLICATION NUMBER: US 60/206,201  
; PRIOR FILING DATE: 2000-05-22  
; PRIOR APPLICATION NUMBER: US 60/218,950  
; PRIOR FILING DATE: 2000-07-14  
; PRIOR APPLICATION NUMBER: US 60/222,903  
; PRIOR FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: US 60/223,416  
; PRIOR FILING DATE: 2000-08-04  
; PRIOR APPLICATION NUMBER: US 60/223,378  
; PRIOR FILING DATE: 2000-08-07  
; PRIOR APPLICATION NUMBER: US 09/796,692  
; NUMBER OF SEQ ID NOS: 10467  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 10461  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-040-862-10461  
Query Match 86.8%; Score 514; DB 4; Length 592;

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Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLMLVLLVLAAPVSGGFARTPRPIIFLOPPMTTVFQGERVTLTCKGFRFYSPOKTKMYHR 60
Db 1 MLMLVLLVLAAPVSGGFARTPRPIIFLOPPMTTVFQGERVTLTCKGFRFYSPOKTKMYHR 60
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Db 61 YLGEKILRETPDNIIEVQSGEYRCQAQGSPLSPVHLDFSSASLILQAPLSVFEGBDSVY 120
QY 121 LRCRAKAEVTLNNTIYKNDVLAFLNKRTDFHILPHACLKONGAYRCTGYKESCCPVSSNT 180
Db 121 LRCRAKAEVTLNNTIYKNDVLAFLNKRTDFHILPHACLKONGAYRCTGYKESCCPVSSNT 180
QY 181 VKIQVEPPTRPVLRASSFPQISGNPVTLTCEQSLERSDVPILRFRFDDQTLGLGWS 240
Db 181 VKIQVEPPTRPVLRASSFPQISGNPVTLTCEQSLERSDVPILRFRFDDQTLGLGWS 240
QY 241 LSPNFOITAMWSKDSGFYWCCKAATMPHSVSDSPRSWIOVOIPASHPVLTLSPEKALNFE 300
Db 241 LSPNFOITAMWSKDSGFYWCCKAATMPHSVSDSPRSWIOVOIPASHPVLTLSPEKALNFE 300
QY 301 GTKVTLHCETQEDSLRTLYRFYHGVPLRHKSVRCERGASISFSLTTEGNGNYCTADNG 360
Db 301 GTKVTLHCETQEDSLRTLYRFYHGVPLRHKSVRCERGASISFSLTTEGNGNYCTADNG 360
QY 361 LGAKPSKAVSLSTVVPVSHPVNLSSPEDLIIFEGAKVTLHCEAQRGSLPLIYGFHEDAA 420
Db 361 LGAKPSKAVSLSTVVPVSHPVNLSSPEDLIIFEGAKVTLHCEAQRGSLPLIYGFHEDAA 420
QY 421 LERRSANSAGVAISFSLTAHSGNYCTADNGFGORSKAVSLSTVVPVSHPVLTLSA 480
Db 421 LERRSANSAGVAISFSLTAHSGNYCTADNGFGORSKAVSLSTVVPVSHPVLTLSA 480
QY 481 EALTPEGATVTLHCEVQSGSPQILYQFYHEDMPL 514
Db 481 EALTPEGATVTLHCEVQSGSPQILYQFYHEDMPL 514

RESULT 2
US-10-057-475B-10461
; Sequence 10461, Application US/10057475B
; Publication No. US2004002068A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Clapper, Jonathan David
; APPLICANT: Wang, Aijun
; APPLICANT: Ordenez, Nadia
; APPLICANT: Carter, Lauren
; APPLICANT: McNeill, Patricia Dianne
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-014402US
; CURRENT APPLICATION NUMBER: US/10/057, 475B
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
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; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 10979
; SOFTWARE: FaSeq for Windows Version 3.0
; SEQ ID NO 10461
; LENGTH: 592
; TYPE: PR1
; ORGANISM: Homo sapiens
US-10-057-475B-10461

Query Match 86.8%; Score 514; DB 4; Length 592;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLMLVLLVLAAPVSGGFARTPRPIIFLOPPMTTVFQGERVTLTCKGFRFYSPOKTKMYHR 60
Db 1 MLMLVLLVLAAPVSGGFARTPRPIIFLOPPMTTVFQGERVTLTCKGFRFYSPOKTKMYHR 60
QY 61 YLGEKILRETPDNIIEVQSGEYRCQAQGSPLSPVHLDFSSASLILQAPLSVFEGBDSVY 120
Db 61 YLGEKILRETPDNIIEVQSGEYRCQAQGSPLSPVHLDFSSASLILQAPLSVFEGBDSVY 120
QY 121 LRCRAKAEVTLNNTIYKNDVLAFLNKRTDFHILPHACLKONGAYRCTGYKESCCPVSSNT 180
Db 121 LRCRAKAEVTLNNTIYKNDVLAFLNKRTDFHILPHACLKONGAYRCTGYKESCCPVSSNT 180
QY 181 VKIQVEPPTRPVLRASSFPQISGNPVTLTCEQSLERSDVPILRFRFDDQTLGLGWS 240
Db 181 VKIQVEPPTRPVLRASSFPQISGNPVTLTCEQSLERSDVPILRFRFDDQTLGLGWS 240
QY 241 LSPNFOITAMWSKDSGFYWCCKAATMPHSVSDSPRSWIOVOIPASHPVLTLSPEKALNFE 300
Db 241 LSPNFOITAMWSKDSGFYWCCKAATMPHSVSDSPRSWIOVOIPASHPVLTLSPEKALNFE 300
QY 301 GTKVTLHCETQEDSLRTLYRFYHGVPLRHKSVRCERGASISFSLTTEGNGNYCTADNG 360
Db 301 GTKVTLHCETQEDSLRTLYRFYHGVPLRHKSVRCERGASISFSLTTEGNGNYCTADNG 360
QY 361 LGAKPSKAVSLSTVVPVSHPVNLSSPEDLIIFEGAKVTLHCEAQRGSLPLIYGFHEDAA 420
Db 361 LGAKPSKAVSLSTVVPVSHPVNLSSPEDLIIFEGAKVTLHCEAQRGSLPLIYGFHEDAA 420
QY 421 LERRSANSAGVAISFSLTAHSGNYCTADNGFGORSKAVSLSTVVPVSHPVLTLSA 480
Db 421 LERRSANSAGVAISFSLTAHSGNYCTADNGFGORSKAVSLSTVVPVSHPVLTLSA 480
QY 481 EALTPEGATVTLHCEVQSGSPQILYQFYHEDMPL 514
Db 481 EALTPEGATVTLHCEVQSGSPQILYQFYHEDMPL 514

RESULT 3
US-10-154-884B-10461
; Sequence 10461, Application US/10154884B
; Publication No. US20040005561A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc W.
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-013521US
; CURRENT APPLICATION NUMBER: US/10/154, 884B
; PRIOR FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
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; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 11290
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10461
; LENGTH: 592
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-154-884B-10461

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Query Match      86.8%; Score 514; DB 4; Length 592;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MLWVILLVLA PVS GGPARTPRPIIFLOPMTTVQGERVTLTCKGRFYSPOKTKMYR 60
DB 1 MLWVILLVLA PVS GGPARTPRPIIFLOPMTTVQGERVTLTCKGRFYSPOKTKMYR 60
QY 61 YLGEKILRETPDNILVQSGEYRCQAQSSPLSSPVHLDFSSASLLIQALVFEEDSVY 120
DB 61 YLGEKILRETPDNILVQSGEYRCQAQSSPLSSPVHLDFSSASLLIQALVFEEDSVY 120
QY 121 LRCRAKAEVLTANTTYKNDNVLAFLNKRTDPIHPACIKDNGAIRCCTGYKESCCPVSSNT 180
DB 121 LRCRAKAEVLTANTTYKNDNVLAFLNKRTDPIHPACIKDNGAIRCCTGYKESCCPVSSNT 180
QY 181 VKIQVEPFRPVLRASSFQPIISGNPVTLTCTQLSLERSVPLRFRFFDDDTGLGMS 240
DB 181 VKIQVEPFRPVLRASSFQPIISGNPVTLTCTQLSLERSVPLRFRFFDDDTGLGMS 240
QY 241 LSPNFQITAMWSKDSGFWCKAATMPHSVYISDPSPSWIQVOIPASHVLTLSPEKALNE 300
DB 241 LSPNFQITAMWSKDSGFWCKAATMPHSVYISDPSPSWIQVOIPASHVLTLSPEKALNE 300
QY 301 GTKVTILHCEVQSGEYRCQAQSSPLSSPVHLDFSSASLLIQALVFEEDSVY 360
DB 301 GTKVTILHCEVQSGEYRCQAQSSPLSSPVHLDFSSASLLIQALVFEEDSVY 360
QY 361 LGAKPSKAVSLSTVVPVSHPVLTLSPEDLIFEGAKVTLHCEAQRGSLPILYQFHEDAA 420
DB 361 LGAKPSKAVSLSTVVPVSHPVLTLSPEDLIFEGAKVTLHCEAQRGSLPILYQFHEDAA 420
QY 421 LERRSANSAGVAISFSLTAEHSGNYCTADNGFQPSKAVSLSTVVPVSHPVLTLSA 480
DB 421 LERRSANSAGVAISFSLTAEHSGNYCTADNGFQPSKAVSLSTVVPVSHPVLTLSA 480
QY 481 BALTFEGATVTLHCEVQSGEYRCQAQSSPLSSPVHLDFSSASLLIQALVFEEDSVY 514
DB 481 BALTFEGATVTLHCEVQSGEYRCQAQSSPLSSPVHLDFSSASLLIQALVFEEDSVY 514

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RESULT 4
US-10-403-847-8
; Sequence 8, Application US/10403847
; Publication No. US2004003098A1
; GENERAL INFORMATION:

```

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; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL TWO SPLICER VARIANTS OF A HUMAN
; TITLE OF INVENTION: CELL SURFACE PROTEIN WITH IMMUNOLOGOBULIN FOLDS, BCS5G AND BCS5L
; FILE REFERENCE: D0228 NP
; CURRENT APPLICATION NUMBER: US/10/403,847
; PRIOR FILING DATE: 2003-03-28
; PRIOR APPLICATION NUMBER: U.S. 60/368,671
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: U.S. 60/371,420
; PRIOR FILING DATE: 2002-04-10
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 847
; LENGTH: 592
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-403-847-8

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Query Match      86.8%; Score 514; DB 4; Length 592;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MLWVILLVLA PVS GGPARTPRPIIFLOPMTTVQGERVTLTCKGRFYSPOKTKMYR 60
DB 1 MLWVILLVLA PVS GGPARTPRPIIFLOPMTTVQGERVTLTCKGRFYSPOKTKMYR 60
QY 61 YLGEKILRETPDNILVQSGEYRCQAQSSPLSSPVHLDFSSASLLIQALVFEEDSVY 120
DB 61 YLGEKILRETPDNILVQSGEYRCQAQSSPLSSPVHLDFSSASLLIQALVFEEDSVY 120
QY 121 LRCRAKAEVLTANTTYKNDNVLAFLNKRTDPIHPACIKDNGAIRCCTGYKESCCPVSSNT 180
DB 121 LRCRAKAEVLTANTTYKNDNVLAFLNKRTDPIHPACIKDNGAIRCCTGYKESCCPVSSNT 180
QY 181 VKIQVEPFRPVLRASSFQPIISGNPVTLTCTQLSLERSVPLRFRFFDDDTGLGMS 240
DB 181 VKIQVEPFRPVLRASSFQPIISGNPVTLTCTQLSLERSVPLRFRFFDDDTGLGMS 240
QY 241 LSPNFQITAMWSKDSGFWCKAATMPHSVYISDPSPSWIQVOIPASHVLTLSPEKALNE 300
DB 241 LSPNFQITAMWSKDSGFWCKAATMPHSVYISDPSPSWIQVOIPASHVLTLSPEKALNE 300
QY 301 GTKVTILHCEVQSGEYRCQAQSSPLSSPVHLDFSSASLLIQALVFEEDSVY 360
DB 301 GTKVTILHCEVQSGEYRCQAQSSPLSSPVHLDFSSASLLIQALVFEEDSVY 360
QY 361 LGAKPSKAVSLSTVVPVSHPVLTLSPEDLIFEGAKVTLHCEAQRGSLPILYQFHEDAA 420
DB 361 LGAKPSKAVSLSTVVPVSHPVLTLSPEDLIFEGAKVTLHCEAQRGSLPILYQFHEDAA 420
QY 421 LERRSANSAGVAISFSLTAEHSGNYCTADNGFQPSKAVSLSTVVPVSHPVLTLSA 480
DB 421 LERRSANSAGVAISFSLTAEHSGNYCTADNGFQPSKAVSLSTVVPVSHPVLTLSA 480
QY 481 BALTFEGATVTLHCEVQSGEYRCQAQSSPLSSPVHLDFSSASLLIQALVFEEDSVY 514
DB 481 BALTFEGATVTLHCEVQSGEYRCQAQSSPLSSPVHLDFSSASLLIQALVFEEDSVY 514

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RESULT 5
US-10-764-324-10461
; Sequence 10461, Application US/10764324
; Publication No. US20040175739A1
; GENERAL INFORMATION:
; APPLICANT: Galiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; TITLE OF INVENTION: Hematological Malignancies
; FILE REFERENCE: 014058-013520US
; CURRENT APPLICATION NUMBER: US/10/764,324

```

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/ CURRENT FILING DATE: 2004-01-23
/ PRIOR APPLICATION NUMBER: US/10/040,862
/ PRIOR FILING DATE: 2001-11-06
/ PRIOR APPLICATION NUMBER: US 60/186,126
/ PRIOR FILING DATE: 2000-03-01
/ PRIOR APPLICATION NUMBER: US 60/190,479
/ PRIOR FILING DATE: 2000-03-17
/ PRIOR APPLICATION NUMBER: US 60/200,545
/ PRIOR FILING DATE: 2000-04-27
/ PRIOR APPLICATION NUMBER: US 60/200,303
/ PRIOR FILING DATE: 2000-04-28
/ PRIOR APPLICATION NUMBER: US 60/200,779
/ PRIOR FILING DATE: 2000-04-28
/ PRIOR APPLICATION NUMBER: US 60/200,999
/ PRIOR FILING DATE: 2000-05-01
/ PRIOR APPLICATION NUMBER: US 60/202,084
/ PRIOR FILING DATE: 2000-05-04
/ PRIOR APPLICATION NUMBER: US 60/206,201
/ PRIOR FILING DATE: 2000-05-22
/ PRIOR APPLICATION NUMBER: US 60/218,950
/ PRIOR FILING DATE: 2000-07-14
/ PRIOR APPLICATION NUMBER: US 60/200,999
/ Remaining Prior Application data removed - See file Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 10467
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 10461
/ LENGTH: 592
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-764-324-10461
```

Query Match 86.8%; Score 514; DB 4; Length 592;

Best Local Similarity 100.0%; Pred. No. 0; Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MLMLVLLVLAAPYSGGFYWCCKAATMPHSVSDSPRSMTIQVQIPASHPVLTLSPEKALNFE 60
DB 1 MLMLVLLVLAAPYSGGFYWCCKAATMPHSVSDSPRSMTIQVQIPASHPVLTLSPEKALNFE 60
QY 61 YLCKEILRETPTDNLVVOESGEYRCQAQSSPLSPVHLDPSSASLLIQAPLSVFEEDSVY 120
DB 61 YLCKEILRETPTDNLVVOESGEYRCQAQSSPLSPVHLDPSSASLLIQAPLSVFEEDSVY 120
QY 121 LRCRAAEVTLNNTIYKNDVLAFLNKRTPDFFH1PHACLKONGAYRCTGYKSCCPVSSNT 180
DB 121 LRCRAAEVTLNNTIYKNDVLAFLNKRTPDFFH1PHACLKONGAYRCTGYKSCCPVSSNT 180
QY 181 VKIQVQEPPTRPVLRASSFQISGNPVTLTCEQVLSERSDVPRLRRFRDDQTLGLGWS 240
DB 181 VKIQVQEPPTRPVLRASSFQISGNPVTLTCEQVLSERSDVPRLRRFRDDQTLGLGWS 240
QY 241 LSPNFOITAMWSKDSGFYWCCKAATMPHSVSDSPRSMTIQVQIPASHPVLTLSPEKALNFE 300
DB 241 LSPNFOITAMWSKDSGFYWCCKAATMPHSVSDSPRSMTIQVQIPASHPVLTLSPEKALNFE 300
QY 301 GTKVTLHCEQVDSLRVLFYHGGVPLRRKSVRCERGASISFSLTTENSGNYCTADNG 360
DB 301 GTKVTLHCEQVDSLRVLFYHGGVPLRRKSVRCERGASISFSLTTENSGNYCTADNG 360
QY 361 LGAKPSKAVSLSTVPVSHVPLNLSPEDLIFEGAKYTLHCEAQRGSLPTLYQPHHDDAA 420
DB 361 LGAKPSKAVSLSTVPVSHVPLNLSPEDLIFEGAKYTLHCEAQRGSLPTLYQPHHDDAA 420
QY 421 LERRSANSAGGVAISFSLTAHSGNYYCTADNGFQPRSKAVSLSTVPVSHVPLTSSA 480
DB 421 LERRSANSAGGVAISFSLTAHSGNYYCTADNGFQPRSKAVSLSTVPVSHVPLTSSA 480
QY 481 EALTPEGATVTLHCEVORGSPOLLVQPYHEDMPL 514
DB 481 EALTPEGATVTLHCEVORGSPOLLVQPYHEDMPL 514
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RESULT 6  
US-10-040-862-10460

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/ Sequence 10460, Application US/10040862
/ Publication No. US20030078396A1
/ GENERAL INFORMATION:
/ APPLICANT: Gaiger, Alexander
/ APPLICANT: Algate, Paul A.
/ APPLICANT: Mannion, Jane
/ APPLICANT: Retter, Marc
/ APPLICANT: Corixa Corporation
/ TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
/ FILE REFERENCE: 014058-013520US
/ CURRENT APPLICATION NUMBER: US/10/040,862
/ CURRENT FILING DATE: 2001-11-06
/ PRIOR APPLICATION NUMBER: US 60/186,126
/ PRIOR FILING DATE: 2000-03-01
/ PRIOR APPLICATION NUMBER: US 60/190,479
/ PRIOR FILING DATE: 2000-03-17
/ PRIOR APPLICATION NUMBER: US 60/200,545
/ PRIOR FILING DATE: 2000-04-27
/ PRIOR APPLICATION NUMBER: US 60/200,303
/ PRIOR FILING DATE: 2000-04-28
/ PRIOR APPLICATION NUMBER: US 60/200,779
/ PRIOR FILING DATE: 2000-04-28
/ PRIOR APPLICATION NUMBER: US 60/200,999
/ PRIOR FILING DATE: 2000-05-01
/ PRIOR APPLICATION NUMBER: US 60/202,084
/ PRIOR FILING DATE: 2000-05-04
/ PRIOR APPLICATION NUMBER: US 60/206,201
/ PRIOR FILING DATE: 2000-05-22
/ PRIOR APPLICATION NUMBER: US 60/218,950
/ PRIOR FILING DATE: 2000-07-14
/ PRIOR APPLICATION NUMBER: US 60/222,903
/ PRIOR FILING DATE: 2000-08-03
/ PRIOR APPLICATION NUMBER: US 60/223,416
/ PRIOR FILING DATE: 2000-08-04
/ PRIOR APPLICATION NUMBER: US 60/223,378
/ PRIOR FILING DATE: 2000-08-07
/ PRIOR APPLICATION NUMBER: US 09/796,692
/ PRIOR FILING DATE: 2001-03-01
/ NUMBER OF SEQ ID NOS: 10467
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 10460
/ LENGTH: 759
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-040-862-10460
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Query Match 86.8%; Score 514; DB 4; Length 759;

Best Local Similarity 100.0%; Pred. No. 0; Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MLMLVLLVLAAPYSGGFYWCCKAATMPHSVSDSPRSMTIQVQIPASHPVLTLSPEKALNFE 60
DB 1 MLMLVLLVLAAPYSGGFYWCCKAATMPHSVSDSPRSMTIQVQIPASHPVLTLSPEKALNFE 60
QY 61 YLCKEILRETPTDNLVVOESGEYRCQAQSSPLSPVHLDPSSASLLIQAPLSVFEEDSVY 120
DB 61 YLCKEILRETPTDNLVVOESGEYRCQAQSSPLSPVHLDPSSASLLIQAPLSVFEEDSVY 120
QY 121 LRCRAAEVTLNNTIYKNDVLAFLNKRTPDFFH1PHACLKONGAYRCTGYKSCCPVSSNT 180
DB 121 LRCRAAEVTLNNTIYKNDVLAFLNKRTPDFFH1PHACLKONGAYRCTGYKSCCPVSSNT 180
QY 181 VKIQVQEPPTRPVLRASSFQISGNPVTLTCEQVLSERSDVPRLRRFRDDQTLGLGWS 240
DB 181 VKIQVQEPPTRPVLRASSFQISGNPVTLTCEQVLSERSDVPRLRRFRDDQTLGLGWS 240
QY 241 LSPNFOITAMWSKDSGFYWCCKAATMPHSVSDSPRSMTIQVQIPASHPVLTLSPEKALNFE 300
DB 241 LSPNFOITAMWSKDSGFYWCCKAATMPHSVSDSPRSMTIQVQIPASHPVLTLSPEKALNFE 300
QY 301 GTKVTLHCEQVDSLRVLFYHGGVPLRRKSVRCERGASISFSLTTENSGNYCTADNG 360
DB 301 GTKVTLHCEQVDSLRVLFYHGGVPLRRKSVRCERGASISFSLTTENSGNYCTADNG 360
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Db 301 GTKVTLCHEQEDSLRTLRPFHGVPLRHKSVCRCGASISPSLTTEMSGNYCTADNG 360
Qy 361 LGAKRSKAVSLSTVTVSPVSHVNLSSPBDLIFBGAQVTLHCEAKRGSPLTYOFHEDNA 420
Db 361 LGAKRSKAVSLSTVTVSPVSHVNLSSPBDLIFBGAQVTLHCEAKRGSPLTYOFHEDNA 420
Qy 421 LRRSANSAGGVAISPSLTAEHSGNYCTADNGFGPORSKAVSLSTVTVSPVTLTSSA 480
Db 421 LRRSANSAGGVAISPSLTAEHSGNYCTADNGFGPORSKAVSLSTVTVSPVTLTSSA 480
Qy 481 BALTFEGATVTLHCEVORGSPOLTYOFYHEDMPL 514
Db 481 BALTFEGATVTLHCEVORGSPOLTYOFYHEDMPL 514

RESULT 7
US-10-057-475B-10460
; Sequence 10460, Application US/10057475B
; Publication No. US20040002068A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Clapper, Jonathan David
; APPLICANT: Wang, Aijun
; APPLICANT: Ordoez, Nadia
; APPLICANT: Carter, Lauren
; APPLICANT: McNeill, Patricia Dianne
; APPLICANT: Cortixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-01440205
; CURRENT FILING DATE: 2002-01-22
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 10979
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10460
; LENGTH: 759
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-475B-10460

Query Match 86.8%; Score 514; DB 4; Length 759;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MLMTVTLAVPVGCAKTRPPIIFQPPWTVFGGERVTLTGCFPFYSPOKTKMYHR 60
Db 1 MLMTVTLAVPVGCAKTRPPIIFQPPWTVFGGERVTLTGCFPFYSPOKTKMYHR 60
Qy 61 YLGEKILRETPNIIIEVQSGEYRCOAQGSPLSSPVHIDFSSASLILQAPLSVEGDSVY 120
Db 61 YLGEKILRETPNIIIEVQSGEYRCOAQGSPLSSPVHIDFSSASLILQAPLSVEGDSVY 120
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Db 121 LRCRAKAEVTLANTYIKNNNVLAFLNKRTDFHIIPACIKNGAYRCGYKESCCPEVSSNT 180
Qy 121 LRCRAKAEVTLANTYIKNNNVLAFLNKRTDFHIIPACIKNGAYRCGYKESCCPEVSSNT 180
Db 181 VKIQVQEPFRPLVLRASSPOPIISGNPVTLTCETQSLERSDVPLRRFPFDQOTLGLGMS 240
Qy 181 VKIQVQEPFRPLVLRASSPOPIISGNPVTLTCETQSLERSDVPLRRFPFDQOTLGLGMS 240
Db 241 LSPNFOITAMSKDSGFYCKAATMPHSVDSPSRWIOVQIPASHPVTLISPEKLANE 300
Qy 241 LSPNFOITAMSKDSGFYCKAATMPHSVDSPSRWIOVQIPASHPVTLISPEKLANE 300
Db 301 GTKVTLCHEQEDSLRTLRPFHGVPLRHKSVCRCGASISPSLTTEMSGNYCTADNG 360
Qy 301 GTKVTLCHEQEDSLRTLRPFHGVPLRHKSVCRCGASISPSLTTEMSGNYCTADNG 360
Db 361 LGAKRSKAVSLSTVTVSPVSHVNLSSPBDLIFBGAQVTLHCEAKRGSPLTYOFHEDNA 420
Qy 361 LGAKRSKAVSLSTVTVSPVSHVNLSSPBDLIFBGAQVTLHCEAKRGSPLTYOFHEDNA 420
Db 421 LRRSANSAGGVAISPSLTAEHSGNYCTADNGFGPORSKAVSLSTVTVSPVTLTSSA 480
Qy 421 LRRSANSAGGVAISPSLTAEHSGNYCTADNGFGPORSKAVSLSTVTVSPVTLTSSA 480
Db 481 BALTFEGATVTLHCEVORGSPOLTYOFYHEDMPL 514
Qy 481 BALTFEGATVTLHCEVORGSPOLTYOFYHEDMPL 514
Db 481 BALTFEGATVTLHCEVORGSPOLTYOFYHEDMPL 514

RESULT 8
US-10-154-884B-10460
; Sequence 10460, Application US/10154884B
; Publication No. US20040005561A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc W.
; APPLICANT: Cortixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-01352105
; CURRENT FILING DATE: 2002-05-23
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 11290
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10460
; LENGTH: 759
; TYPE: PRT
; ORGANISM: Homo sapiens
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US-10-154-884B-10460

Query Match 86.8%; Score 514; DB 4; Length 759;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLMLVILLVAPVSGQFARTPRPIIFLOPPMTTVFQGERVTLTCKGRFYSPOKTKMYHR 60  
DB 1 MLMLVILLVAPVSGQFARTPRPIIFLOPPMTTVFQGERVTLTCKGRFYSPOKTKMYHR 60  
QY 61 YLCKEILRETDPNILEVOESGERYCOAGSPSSPVHLDFSSASLILQAPLSVFEGBSVV 120  
DB 61 YLCKEILRETDPNILEVOESGERYCOAGSPSSPVHLDFSSASLILQAPLSVFEGBSVV 120  
QY 121 LRCRAAEVTLANTTIYKNDNVLAFLNKRTDFH1PHACLKONGAYRCGYKESCCPVSSNT 180  
DB 121 LRCRAAEVTLANTTIYKNDNVLAFLNKRTDFH1PHACLKONGAYRCGYKESCCPVSSNT 180  
QY 121 VKIQOEPFTRPVLRASSFOPISGNPVTLTCEQSLERSDVPRLRRFRDDOTLGLGMS 240  
DB 121 VKIQOEPFTRPVLRASSFOPISGNPVTLTCEQSLERSDVPRLRRFRDDOTLGLGMS 240  
QY 181 LSPNFOITAMWSKDSGFYWCCKAATMPHSV1SDSPRSWIOVQIPASHPVLTLSPEKALNFE 300  
DB 181 LSPNFOITAMWSKDSGFYWCCKAATMPHSV1SDSPRSWIOVQIPASHPVLTLSPEKALNFE 300  
QY 241 LSPNFOITAMWSKDSGFYWCCKAATMPHSV1SDSPRSWIOVQIPASHPVLTLSPEKALNFE 300  
DB 241 LSPNFOITAMWSKDSGFYWCCKAATMPHSV1SDSPRSWIOVQIPASHPVLTLSPEKALNFE 300  
QY 301 GTKVTLHCEQEDSLRTLYRFHGVPLRHKSVRCERGASISFSLTTENSGNYCTADNG 360  
DB 301 GTKVTLHCEQEDSLRTLYRFHGVPLRHKSVRCERGASISFSLTTENSGNYCTADNG 360  
QY 361 LGAKPSKAVSLSTVPSVSHPVNLSSPEDLIPEGAKVTLHCEAQRGSLPILYQFHEDAA 420  
DB 361 LGAKPSKAVSLSTVPSVSHPVNLSSPEDLIPEGAKVTLHCEAQRGSLPILYQFHEDAA 420  
QY 421 LERRANSAGVVAISFSLTAHSGNYYCTADNGFGPQRSKAVSLSTVPSVSHPVLTLSA 480  
DB 421 LERRANSAGVVAISFSLTAHSGNYYCTADNGFGPQRSKAVSLSTVPSVSHPVLTLSA 480  
QY 481 EALTPEGATVTLHCEVQRGSPQILYQFYHEDMPL 514  
DB 481 EALTPEGATVTLHCEVQRGSPQILYQFYHEDMPL 514

RESULT 9  
US-10-403-847-7  
; Sequence 7, Application US/10403847  
; Publication No. US2004030098A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL TWO SPLICER VARIANTS OF A HUMAN  
; FILE REFERENCE: DO228 NP  
; CURRENT APPLICATION NUMBER: US/10/403, 847  
; PRIOR FILING DATE: 2003-03-28  
; PRIOR APPLICATION NUMBER: U.S. 60/368, 671  
; PRIOR FILING DATE: 2002-03-29  
; PRIOR APPLICATION NUMBER: U.S. 60/371, 420  
; PRIOR FILING DATE: 2002-04-10  
; NUMBER OF SEQ ID NOS: 156  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 7  
; LENGTH: 759  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-403-847-7

Query Match 86.8%; Score 514; DB 4; Length 759;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLMLVILLVAPVSGQFARTPRPIIFLOPPMTTVFQGERVTLTCKGRFYSPOKTKMYHR 60  
DB 1 MLMLVILLVAPVSGQFARTPRPIIFLOPPMTTVFQGERVTLTCKGRFYSPOKTKMYHR 60

QY 61 YLCKEILRETDPNILEVOESGERYCOAGSPSSPVHLDFSSASLILQAPLSVFEGBSVV 120  
DB 61 YLCKEILRETDPNILEVOESGERYCOAGSPSSPVHLDFSSASLILQAPLSVFEGBSVV 120  
QY 121 LRCRAAEVTLANTTIYKNDNVLAFLNKRTDFH1PHACLKONGAYRCGYKESCCPVSSNT 180  
DB 121 LRCRAAEVTLANTTIYKNDNVLAFLNKRTDFH1PHACLKONGAYRCGYKESCCPVSSNT 180  
QY 181 VKIQOEPFTRPVLRASSFOPISGNPVTLTCEQSLERSDVPRLRRFRDDOTLGLGMS 240  
DB 181 VKIQOEPFTRPVLRASSFOPISGNPVTLTCEQSLERSDVPRLRRFRDDOTLGLGMS 240  
QY 241 LSPNFOITAMWSKDSGFYWCCKAATMPHSV1SDSPRSWIOVQIPASHPVLTLSPEKALNFE 300  
DB 241 LSPNFOITAMWSKDSGFYWCCKAATMPHSV1SDSPRSWIOVQIPASHPVLTLSPEKALNFE 300  
QY 301 GTKVTLHCEQEDSLRTLYRFHGVPLRHKSVRCERGASISFSLTTENSGNYCTADNG 360  
DB 301 GTKVTLHCEQEDSLRTLYRFHGVPLRHKSVRCERGASISFSLTTENSGNYCTADNG 360  
QY 361 LGAKPSKAVSLSTVPSVSHPVNLSSPEDLIPEGAKVTLHCEAQRGSLPILYQFHEDAA 420  
DB 361 LGAKPSKAVSLSTVPSVSHPVNLSSPEDLIPEGAKVTLHCEAQRGSLPILYQFHEDAA 420  
QY 421 LERRANSAGVVAISFSLTAHSGNYYCTADNGFGPQRSKAVSLSTVPSVSHPVLTLSA 480  
DB 421 LERRANSAGVVAISFSLTAHSGNYYCTADNGFGPQRSKAVSLSTVPSVSHPVLTLSA 480  
QY 481 EALTPEGATVTLHCEVQRGSPQILYQFYHEDMPL 514  
DB 481 EALTPEGATVTLHCEVQRGSPQILYQFYHEDMPL 514

RESULT 10  
US-10-764-324-10460  
; Sequence 10460, Application US/10764324  
; Publication No. US20040175739A1  
; GENERAL INFORMATION:  
; APPLICANT: Gaiger, Alexander  
; APPLICANT: Algate, Paul A.  
; APPLICANT: Mannion, Jane  
; APPLICANT: Retter, Marc  
; APPLICANT: Corixa Corporation  
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy  
; FILE REFERENCE: 014058-013520US  
; CURRENT APPLICATION NUMBER: US/10/764, 324  
; PRIOR FILING DATE: 2004-01-23  
; PRIOR APPLICATION NUMBER: US/10/040, 862  
; PRIOR FILING DATE: 2001-11-06  
; PRIOR APPLICATION NUMBER: US 60/186, 126  
; PRIOR FILING DATE: 2000-03-01  
; PRIOR APPLICATION NUMBER: US 60/190, 479  
; PRIOR FILING DATE: 2000-03-17  
; PRIOR APPLICATION NUMBER: US 60/200, 545  
; PRIOR FILING DATE: 2000-04-27  
; PRIOR APPLICATION NUMBER: US 60/200, 303  
; PRIOR FILING DATE: 2000-04-28  
; PRIOR APPLICATION NUMBER: US 60/200, 779  
; PRIOR FILING DATE: 2000-04-28  
; PRIOR APPLICATION NUMBER: US 60/200, 999  
; PRIOR FILING DATE: 2000-05-01  
; PRIOR APPLICATION NUMBER: US 60/202, 084  
; PRIOR FILING DATE: 2000-05-04  
; PRIOR APPLICATION NUMBER: US 60/206, 201  
; PRIOR FILING DATE: 2000-05-22  
; PRIOR APPLICATION NUMBER: US 60/218, 950  
; PRIOR FILING DATE: 2000-07-14  
; Remaining Prior Application data removed - See file wrapper or PAM.  
; NUMBER OF SEQ ID NOS: 10467  
; SOFTWARE: FastSeq for windows Version 3.0  
; SEQ ID NO 10460

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; LENGTH: 759
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-764-324-10460

Query Match      86.8%; Score 514; DB 4; Length 759;
Best Local Similarity 100.0%; Freq. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLWVILLVLA PVSQGPARTPRPIIFLOPWTYYQGERVTLTCKGRFYSPOKTYMTR 60
DB 1 MLWVILLVLA PVSQGPARTPRPIIFLOPWTYYQGERVTLTCKGRFYSPOKTYMTR 60
QY 61 YLGRKILRETPDNLLEVOESGEYRCQAQSPSSPVHLDPSSASLIIOAPLSVFBGDSVY 120
DB 61 YLGRKILRETPDNLLEVOESGEYRCQAQSPSSPVHLDPSSASLIIOAPLSVFBGDSVY 120
QY 121 LRCRAKAEVTLNNTIYKNDNVLAFLNKRDTFHIIPACIKONGAVRCTGYKESCCPVSSNT 180
DB 121 LRCRAKAEVTLNNTIYKNDNVLAFLNKRDTFHIIPACIKONGAVRCTGYKESCCPVSSNT 180
QY 181 VKIQOEFTFRPVLRASSFQPISGNPVTLTCTQLSLERSDVPILRFRFFRDQTLGLGMS 240
DB 181 VKIQOEFTFRPVLRASSFQPISGNPVTLTCTQLSLERSDVPILRFRFFRDQTLGLGMS 240
QY 241 LSPNFOITAMWSKDSGFYWCCKATMPHSVSDSPRSMIOVOIPASHVVLTLSPKALNFE 300
DB 241 LSPNFOITAMWSKDSGFYWCCKATMPHSVSDSPRSMIOVOIPASHVVLTLSPKALNFE 300
QY 301 GRTKTLHCETOEDSLRTLYRFYHGVPLRHKSVRCERGASISFSLTTENSGNYCTADNG 360
DB 301 GRTKTLHCETOEDSLRTLYRFYHGVPLRHKSVRCERGASISFSLTTENSGNYCTADNG 360
QY 361 LGAKPSKAVSLSTVVPVSHPVNLSPEPDLIFEGAKVTLHCEAORGLPTLYOFHHEDA 420
DB 361 LGAKPSKAVSLSTVVPVSHPVNLSPEPDLIFEGAKVTLHCEAORGLPTLYOFHHEDA 420
QY 421 LRRSANSAGVAISFSLTNEHSNNTYCTADNGFGPORSKAVSLSTVVPVSHVLTLSA 480
DB 421 LRRSANSAGVAISFSLTNEHSNNTYCTADNGFGPORSKAVSLSTVVPVSHVLTLSA 480
QY 481 EALTPEGATVTLHCEVORGSPQILLYOFYHEDMPL 514
DB 481 EALTPEGATVTLHCEVORGSPQILLYOFYHEDMPL 514

RESULT 11
; US-10-040-862-10462
; Sequence 10462, Application US/10040862
; Publication No. US20030078396A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-013520US
; CURRENT APPLICATION NUMBER: US/10/040,862
; CURRENT FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01

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; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: US 60/223,416
; PRIOR FILING DATE: 2000-08-04
; PRIOR APPLICATION NUMBER: US 60/223,378
; PRIOR FILING DATE: 2000-08-07
; PRIOR APPLICATION NUMBER: US 09/796,692
; PRIOR FILING DATE: 2001-03-01
; NUMBER OF SEQ ID NOS: 10467
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10462
; LENGTH: 977
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-040-862-10462

Query Match      86.8%; Score 514; DB 4; Length 977;
Best Local Similarity 100.0%; Freq. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLWVILLVLA PVSQGPARTPRPIIFLOPWTYYQGERVTLTCKGRFYSPOKTYMTR 60
DB 1 MLWVILLVLA PVSQGPARTPRPIIFLOPWTYYQGERVTLTCKGRFYSPOKTYMTR 60
QY 61 YLGRKILRETPDNLLEVOESGEYRCQAQSPSSPVHLDPSSASLIIOAPLSVFBGDSVY 120
DB 61 YLGRKILRETPDNLLEVOESGEYRCQAQSPSSPVHLDPSSASLIIOAPLSVFBGDSVY 120
QY 121 LRCRAKAEVTLNNTIYKNDNVLAFLNKRDTFHIIPACIKONGAVRCTGYKESCCPVSSNT 180
DB 121 LRCRAKAEVTLNNTIYKNDNVLAFLNKRDTFHIIPACIKONGAVRCTGYKESCCPVSSNT 180
QY 181 VKIQOEFTFRPVLRASSFQPISGNPVTLTCTQLSLERSDVPILRFRFFRDQTLGLGMS 240
DB 181 VKIQOEFTFRPVLRASSFQPISGNPVTLTCTQLSLERSDVPILRFRFFRDQTLGLGMS 240
QY 241 LSPNFOITAMWSKDSGFYWCCKATMPHSVSDSPRSMIOVOIPASHVVLTLSPKALNFE 300
DB 241 LSPNFOITAMWSKDSGFYWCCKATMPHSVSDSPRSMIOVOIPASHVVLTLSPKALNFE 300
QY 301 GRTKTLHCETOEDSLRTLYRFYHGVPLRHKSVRCERGASISFSLTTENSGNYCTADNG 360
DB 301 GRTKTLHCETOEDSLRTLYRFYHGVPLRHKSVRCERGASISFSLTTENSGNYCTADNG 360
QY 361 LGAKPSKAVSLSTVVPVSHPVNLSPEPDLIFEGAKVTLHCEAORGLPTLYOFHHEDA 420
DB 361 LGAKPSKAVSLSTVVPVSHPVNLSPEPDLIFEGAKVTLHCEAORGLPTLYOFHHEDA 420
QY 421 LRRSANSAGVAISFSLTNEHSNNTYCTADNGFGPORSKAVSLSTVVPVSHVLTLSA 480
DB 421 LRRSANSAGVAISFSLTNEHSNNTYCTADNGFGPORSKAVSLSTVVPVSHVLTLSA 480
QY 481 EALTPEGATVTLHCEVORGSPQILLYOFYHEDMPL 514
DB 481 EALTPEGATVTLHCEVORGSPQILLYOFYHEDMPL 514

RESULT 12
; US-10-241-220-97
; Sequence 97, Application US/10241220
; Publication No. US20030148408A1
; GENERAL INFORMATION:
; APPLICANT: Prantz, Gretchen
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Phillips, Heidi
; APPLICANT: Polakis, Paul
; APPLICANT: Spencer, Susan

```

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; APPLICANT: Williams, P. Mickey
; APPLICANT: Wu, Thomas
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; FILE OF INVENTION: TREATMENT OF TUMOR
; FILE REFERENCE: P5010R1-US
; CURRENT APPLICATION NUMBER: US/10/241,220
; CURRENT FILING DATE: 2002-12-13
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 97
; LENGTH: 977
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-241-220-97

Query Match      86.8%; Score 514; DB 4; Length 977;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLMLVLLVLAAPVSGQFARTPRPIIFLOPMTTVFQGERVTLTCKGFRFYSPOKTKMYHR 60
DB 1 MLMLVLLVLAAPVSGQFARTPRPIIFLOPMTTVFQGERVTLTCKGFRFYSPOKTKMYHR 60
QY YLAGEKILRETPDNLLEVOSSGERRCQAQSSPLSPVHLDPSSASLILQAPLSVFEGBSV 120
DB 61 YLAGEKILRETPDNLLEVOSSGERRCQAQSSPLSPVHLDPSSASLILQAPLSVFEGBSV 120
QY 121 LRCRAAEVTLNNTIYKNDVLAFLNKRTPFH1PHACLKONGAYRCTGYKESCCPVSSNT 180
DB 121 LRCRAAEVTLNNTIYKNDVLAFLNKRTPFH1PHACLKONGAYRCTGYKESCCPVSSNT 180
QY 121 LRCRAAEVTLNNTIYKNDVLAFLNKRTPFH1PHACLKONGAYRCTGYKESCCPVSSNT 180
DB 121 LRCRAAEVTLNNTIYKNDVLAFLNKRTPFH1PHACLKONGAYRCTGYKESCCPVSSNT 180
QY 181 VKIQVEPFTPRPVLRASSFQISGNPVTLTCEQSLERSDVPILRFRFRDDDTGLGWS 240
DB 181 VKIQVEPFTPRPVLRASSFQISGNPVTLTCEQSLERSDVPILRFRFRDDDTGLGWS 240
QY 241 LSNPFOITAMWSKDSGFYCKAATMPHSVSDSPRSWIOVOIPASHPVLTLSPEKALNFE 300
DB 241 LSNPFOITAMWSKDSGFYCKAATMPHSVSDSPRSWIOVOIPASHPVLTLSPEKALNFE 300
QY 301 GTKYTLHCETOEDSLTLRYFHEGVPLRHKSVRCERGASISFLTTEGNGYCTADNG 360
DB 301 GTKYTLHCETOEDSLTLRYFHEGVPLRHKSVRCERGASISFLTTEGNGYCTADNG 360
QY 361 LGAKPKAVSLSTVPSHPVNLSSPEDLIFEGAKVTLHCEAORSGLPLYQFHEDAA 420
DB 361 LGAKPKAVSLSTVPSHPVNLSSPEDLIFEGAKVTLHCEAORSGLPLYQFHEDAA 420
QY 421 LERRSANSAGVAISFSLTAHSGNYYCTADNGFGQSRKAVSLSTVPSHPVLTLSA 480
DB 421 LERRSANSAGVAISFSLTAHSGNYYCTADNGFGQSRKAVSLSTVPSHPVLTLSA 480
QY 481 EALTPEGATVTLHCEVORSGPOLLYQFYHEDMPL 514
DB 481 EALTPEGATVTLHCEVORSGPOLLYQFYHEDMPL 514

RESULT 13
US-10-057-475B-10462
; Sequence 10462, Application US/10057475B
; Publication No. US20040002068A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Aigate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Clapper, Jonathan David
; APPLICANT: Wang, Aijun
; APPLICANT: Ordonez, Nadia
; APPLICANT: Carter, Lauren
; APPLICANT: McNeill, Patricia Dianne
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-014402US
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; CURRENT APPLICATION NUMBER: US/10/057,475B
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 10979
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10462
; LENGTH: 977
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-475B-10462

Query Match      86.8%; Score 514; DB 4; Length 977;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLMLVLLVLAAPVSGQFARTPRPIIFLOPMTTVFQGERVTLTCKGFRFYSPOKTKMYHR 60
DB 1 MLMLVLLVLAAPVSGQFARTPRPIIFLOPMTTVFQGERVTLTCKGFRFYSPOKTKMYHR 60
QY YLAGEKILRETPDNLLEVOSSGERRCQAQSSPLSPVHLDPSSASLILQAPLSVFEGBSV 120
DB 61 YLAGEKILRETPDNLLEVOSSGERRCQAQSSPLSPVHLDPSSASLILQAPLSVFEGBSV 120
QY 121 LRCRAAEVTLNNTIYKNDVLAFLNKRTPFH1PHACLKONGAYRCTGYKESCCPVSSNT 180
DB 121 LRCRAAEVTLNNTIYKNDVLAFLNKRTPFH1PHACLKONGAYRCTGYKESCCPVSSNT 180
QY 181 VKIQVEPFTPRPVLRASSFQISGNPVTLTCEQSLERSDVPILRFRFRDDDTGLGWS 240
DB 181 VKIQVEPFTPRPVLRASSFQISGNPVTLTCEQSLERSDVPILRFRFRDDDTGLGWS 240
QY 241 LSNPFOITAMWSKDSGFYCKAATMPHSVSDSPRSWIOVOIPASHPVLTLSPEKALNFE 300
DB 241 LSNPFOITAMWSKDSGFYCKAATMPHSVSDSPRSWIOVOIPASHPVLTLSPEKALNFE 300
QY 301 GTKYTLHCETOEDSLTLRYFHEGVPLRHKSVRCERGASISFLTTEGNGYCTADNG 360
DB 301 GTKYTLHCETOEDSLTLRYFHEGVPLRHKSVRCERGASISFLTTEGNGYCTADNG 360
QY 361 LGAKPKAVSLSTVPSHPVNLSSPEDLIFEGAKVTLHCEAORSGLPLYQFHEDAA 420
DB 361 LGAKPKAVSLSTVPSHPVNLSSPEDLIFEGAKVTLHCEAORSGLPLYQFHEDAA 420
QY 421 LERRSANSAGVAISFSLTAHSGNYYCTADNGFGQSRKAVSLSTVPSHPVLTLSA 480
DB 421 LERRSANSAGVAISFSLTAHSGNYYCTADNGFGQSRKAVSLSTVPSHPVLTLSA 480
QY 481 EALTPEGATVTLHCEVORSGPOLLYQFYHEDMPL 514
DB 481 EALTPEGATVTLHCEVORSGPOLLYQFYHEDMPL 514

RESULT 14
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Search completed: February 17, 2006, 07:02:10  
Job time : 143.924 secs

• • •



November 2005

Published\_Applications\_Nucleic Acid and Published\_Applications\_Amino Acid database searches now generate two sets of results each. The Published\_Applications\_databases have been split into two parts to reduce the amount of time required for their daily updates. This results in more machine time being available for processing searches.

Newly published applications will appear in the Published\_Applications\_New databases: older published applications make up the Published\_Applications\_Main databases.

Searches run against Nucleic Acid Published\_Applications produce two sets of results, with the extensions **.rnpbm** (Published\_Applications\_NA\_Main) and **.rnpbn** (Published\_Applications\_NA\_New). Searches run against Amino Acid Published\_Applications produce two sets of results, with the extensions **.rapbm** (Published\_Applications\_AA\_Main) and **.rapbn** (Published\_Applications\_AA\_New).

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GenCore version 5.1.7  
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OM protein - protein search, using sw model

Run on: February 17, 2006, 06:57:25 / Search time 12.6371 Seconds  
(without alignments)  
665.901 Million cell updates/sec

Title: US-09-724-254A-3

Perfect score: 592

Sequence: 1 MLWVILLVLAIPVSGQFART.....AEFSLTSPKMLALSSFLP 592

Scoring table: OLIGO

Gapop 60.0, Gapext 60.0

Searched: 107819 seqs, 1421640 residues

Word size : 0

Total number of hits satisfying chosen parameters: 107819

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database : Published Applications\_AA\_New:\*  
1: /cgn2\_6/ptodaca/1/pubpaa/US08\_NEW\_PUB pep.\*  
2: /cgn2\_6/ptodaca/1/pubpaa/US06\_NEW\_PUB pep.\*  
3: /cgn2\_6/ptodaca/1/pubpaa/US07\_NEW\_PUB pep.\*  
4: /cgn2\_6/ptodaca/1/pubpaa/PCT\_NEW\_PUB pep.\*  
5: /cgn2\_6/ptodaca/1/pubpaa/US09\_NEW\_PUB pep.\*  
6: /cgn2\_6/ptodaca/1/pubpaa/US10\_NEW\_PUB pep.\*  
7: /cgn2\_6/ptodaca/1/pubpaa/US11\_NEW\_PUB pep.\*  
8: /cgn2\_6/ptodaca/1/pubpaa/US60\_NEW\_PUB pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	514	86.8	977	US-11-093-274-39	Sequence 39, App1
2	10	1.7	192	US-10-514-534-9	Sequence 9, App1
3	10	1.7	255	US-10-514-534-8	Sequence 8, App1
4	10	1.7	341	US-10-514-534-6	Sequence 6, App1
5	10	1.7	508	US-10-514-534-7	Sequence 7, App1
6	10	1.7	508	US-11-093-274-41	Sequence 41, App1
7	10	1.7	734	US-11-093-274-40	Sequence 40, App1
8	9	1.5	107	US-11-149-843-56	Sequence 56, App1
9	8	1.4	9	US-11-010-7488-612	Sequence 612, App1
10	8	1.4	9	US-11-010-7488-616	Sequence 616, App1
11	8	1.4	9	US-11-010-7488-645	Sequence 645, App1
12	8	1.4	9	US-11-010-7488-657	Sequence 657, App1
13	8	1.4	33	US-11-010-7488-611	Sequence 611, App1
14	8	1.4	33	US-11-010-7488-642	Sequence 642, App1
15	8	1.4	106	US-11-174-188-7	Sequence 7, App1
16	8	1.4	106	US-11-174-188-9	Sequence 9, App1
17	8	1.4	213	US-11-174-188-42	Sequence 42, App1
18	8	1.4	425	US-10-821-234-1154	Sequence 115, App1
19	8	1.4	495	US-10-821-234-1154	Sequence 115, App1
20	8	1.4	495	US-10-918-857-8	Sequence 8, App1
21	8	1.4	515	US-11-093-274-38	Sequence 38, App1
22	8	1.4	718	US-10-918-857-2	Sequence 2, App1
23	8	1.4	790	US-10-918-857-6	Sequence 6, App1
24	8	1.4	845	US-10-725-475-18	Sequence 18, App1
25	7	1.2	7	US-11-064-785-17	Sequence 17, App1

26	7	1.2	9	7	US-11-010-748A-613	Sequence 613, App
27	7	1.2	9	7	US-11-010-748A-631	Sequence 631, App
28	7	1.2	9	7	US-11-010-748A-640	Sequence 640, App
29	7	1.2	9	7	US-11-010-748A-643	Sequence 643, App
30	7	1.2	9	7	US-11-010-748A-662	Sequence 662, App
31	7	1.2	9	7	US-11-010-748A-671	Sequence 671, App
32	7	1.2	11	7	US-11-010-748A-256	Sequence 256, App
33	7	1.2	11	7	US-11-010-748A-259	Sequence 259, App
34	7	1.2	167	7	US-11-236-198-33	Sequence 33, App1
35	7	1.2	169	5	US-09-978-360A-443	Sequence 443, App
36	7	1.2	186	7	US-11-052-554A-21	Sequence 21, App1
37	7	1.2	210	6	US-10-454-437-302	Sequence 302, App
38	7	1.2	274	7	US-11-195-739-7	Sequence 7, App1
39	7	1.2	277	7	US-11-195-739-12	Sequence 12, App1
40	7	1.2	300	7	US-11-052-554A-4	Sequence 4, App1
41	7	1.2	300	7	US-11-052-554A-178	Sequence 178, App
42	7	1.2	365	7	US-11-000-463-741	Sequence 741, App
43	7	1.2	365	7	US-11-000-463-713	Sequence 713, App
44	7	1.2	488	6	US-10-485-517-307	Sequence 307, App
45	7	1.2	525	7	US-11-169-041-241	Sequence 241, App

ALIGNMENTS

RESULT 1									
US-11-093-274-39									
Sequence 39, Application US/11093274									
Publication No. US20050266008A1									
GENERAL INFORMATION:									
APPLICANT: Graziano, Robert									
APPLICANT: Cardarelli, Josephine M.									
APPLICANT: Kemp, Thomas									
APPLICANT: Cutler, Beth									
APPLICANT: Sriniwasan, Mohan									
TITLE OF INVENTION: IRIA-5 ANTIBODIES AND THEIR USES									
FILE REFERENCE: 04280/1201101-US1									
CURRENT FILING DATE: 2005-03-28									
PRIOR APPLICATION NUMBER: US/11/093,274									
PRIOR FILING DATE: 2004-03-29									
NUMBER OF SEQ ID NOS: 41									
SOFTWARE: PatentIn version 3.2									
SEQ ID NO 39									
LENGTH: 977									
TYPE: PRT									
ORGANISM: Homo sapiens									
US-11-093-274-39									
Query Match									
Best Local Similarity 100.0%; Pred. No. 0;									
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
QY	1	MLWVILLVLAIPVSGQFARTPRPIIFLOPMTVFOGSRVTLTKGFRFYSPOKTKMYR	60						
DB	1	MLWVILLVLAIPVSGQFARTPRPIIFLOPMTVFOGSRVTLTKGFRFYSPOKTKMYR	60						
QY	61	YVGRKILAEFTDNLEVOESGEYRCQAQSPVSHLDFSSASLILVAPLSVEGDSVY	120						
DB	61	YVGRKILAEFTDNLEVOESGEYRCQAQSPVSHLDFSSASLILVAPLSVEGDSVY	120						
QY	121	LCRAKAVTLNNTIYKNDVLAFLNKRTDFHHPACIKONGAYRCGYKSCCPVSSNT	180						
DB	121	LCRAKAVTLNNTIYKNDVLAFLNKRTDFHHPACIKONGAYRCGYKSCCPVSSNT	180						
QY	181	VIGVQVEFTPTVPLRASSFQISGNVTLTCTQSLRSRSDVPLRFRFFDDDTLGLGWS	240						
DB	181	VIGVQVEFTPTVPLRASSFQISGNVTLTCTQSLRSRSDVPLRFRFFDDDTLGLGWS	240						
QY	241	ISPNOIRAMMSKOSGFWCKATMPHSVYISPSRWIQOIPASHVLTLSPEKALNFR	300						
DB	241	ISPNOIRAMMSKOSGFWCKATMPHSVYISPSRWIQOIPASHVLTLSPEKALNFR	300						

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QY 301 GTATVTLHCEVQESLRTLTYPFHGCVPLRHKSVCRCGASISPLTTNSGNYYCTADNG 360
|||
DB 301 GTATVTLHCEVQESLRTLTYPFHGCVPLRHKSVCRCGASISPLTTNSGNYYCTADNG 360
361 LGAKPSKAVSLSTVPVSHVNLNLSPEDLIFEGAKVTLHCEVQESLPTLYOFHEDDA 420
361 LGAKPSKAVSLSTVPVSHVNLNLSPEDLIFEGAKVTLHCEVQESLPTLYOFHEDDA 420
QY 421 LERRANSAGVAISFSLTAEHSGNYYCTADNGFPQRSKAVSLSTVPVSHVNLNLSA 480
421 LERRANSAGVAISFSLTAEHSGNYYCTADNGFPQRSKAVSLSTVPVSHVNLNLSA 480
DB 421 LERRANSAGVAISFSLTAEHSGNYYCTADNGFPQRSKAVSLSTVPVSHVNLNLSA 480
QY 481 EALTPEGATVTLHCEVQESLRTLTYPFHGCVPLRHKSVCRCGASISPLTTNSGNYY 514
481 EALTPEGATVTLHCEVQESLRTLTYPFHGCVPLRHKSVCRCGASISPLTTNSGNYY 514
DB 481 EALTPEGATVTLHCEVQESLRTLTYPFHGCVPLRHKSVCRCGASISPLTTNSGNYY 514

RESULT 2
US-10-514-534-9
; Sequence 9, Application US/10514534
; Publication No. US20050287147A1
; GENERAL INFORMATION:
; APPLICANT: Avalon Pharmaceuticals, Inc.
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy
; FILE REFERENCE: 689290-218
; CURRENT APPLICATION NUMBER: US/10/514,534
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US/60/380,612
; PRIOR FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-514-534-9

Query Match 1.7%; Score 10; DB 6; Length 192;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 437 SLTAEHSGNY 446
|||
DB 104 SLTAEHSGNY 113

RESULT 3
US-10-514-534-8
; Sequence 8, Application US/10514534
; Publication No. US20050287147A1
; GENERAL INFORMATION:
; APPLICANT: Avalon Pharmaceuticals, Inc.
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy
; FILE REFERENCE: 689290-218
; CURRENT APPLICATION NUMBER: US/10/514,534
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US/60/380,612
; PRIOR FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 255
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-514-534-8

Query Match 1.7%; Score 10; DB 6; Length 255;
Best Local Similarity 100.0%; Pred. No. 0.031;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
RESULT 4
US-10-514-534-6
; Sequence 6, Application US/10514534
; Publication No. US20050287147A1
; GENERAL INFORMATION:
; APPLICANT: Avalon Pharmaceuticals, Inc.
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy
; FILE REFERENCE: 689290-218
; CURRENT APPLICATION NUMBER: US/10/514,534
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US/60/380,612
; PRIOR FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 341
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-514-534-6

Query Match 1.7%; Score 10; DB 6; Length 341;
Best Local Similarity 100.0%; Pred. No. 0.04;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 437 SLTAEHSGNY 446
|||
DB 104 SLTAEHSGNY 113

RESULT 5
US-10-514-534-7
; Sequence 7, Application US/10514534
; Publication No. US20050287147A1
; GENERAL INFORMATION:
; APPLICANT: Avalon Pharmaceuticals, Inc.
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy
; FILE REFERENCE: 689290-218
; CURRENT APPLICATION NUMBER: US/10/514,534
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US/60/380,612
; PRIOR FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 508
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-514-534-7

Query Match 1.7%; Score 10; DB 6; Length 508;
Best Local Similarity 100.0%; Pred. No. 0.059;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 437 SLTAEHSGNY 446
|||
DB 357 SLTAEHSGNY 366

RESULT 6
US-11-093-274-41
; Sequence 41, Application US/11093274
; Publication No. US2005026008A1
; GENERAL INFORMATION:
; APPLICANT: Graziano, Robert
; APPLICANT: Cardarelli, Josephine M.
; APPLICANT: Kempe, Thomas
; APPLICANT: Cutler, Beth
; APPLICANT: Srinivasan, Mohan
; TITLE OF INVENTION: IRTA-5 ANTIBODIES AND THEIR USES
; FILE REFERENCE: 04280/1201101-US1
; CURRENT APPLICATION NUMBER: US/11/093,274
```

```

; CURRENT FILING DATE: 2005-03-28
; PRIOR APPLICATION NUMBER: 60/557,741
; PRIOR FILING DATE: 2004-03-29
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41
; LENGTH: 508
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-093-274-41

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```

Query Match      1.7%; Score 10; DB 7; Length 508;
Best Local Similarity 100.0%; Pred. No. 0.059;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      437 SITAHSNGNY 446
DB      357 SITAHSNGNY 366

```

```

RESULT 7
US-11-093-274-40
; Sequence 40, Application US/11093274
; Publication No. US2005026608A1
; GENERAL INFORMATION:
; APPLICANT: Graziano, Robert
; APPLICANT: Cardarelli, Josephine M.
; APPLICANT: Kempe, Thomas
; APPLICANT: Cutler, Beth
; APPLICANT: Srinivasan, Mohan
; TITLE OF INVENTION: RITA-5 ANTIBODIES AND THEIR USES
; FILE REFERENCE: 04280/1201101-US1
; CURRENT APPLICATION NUMBER: US/11/093,274
; CURRENT FILING DATE: 2005-03-28
; PRIOR APPLICATION NUMBER: 60/557,741
; PRIOR FILING DATE: 2004-03-29
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 40
; LENGTH: 734
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-093-274-40

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```

Query Match      1.7%; Score 10; DB 7; Length 734;
Best Local Similarity 100.0%; Pred. No. 0.083;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      437 SITAHSNGNY 446
DB      440 SITAHSNGNY 449

```

```

RESULT 8
US-11-149-943-56
; Sequence 56, Application US/11149943
; Publication No. US20060003412A1
; GENERAL INFORMATION:
; APPLICANT: Chamberlain, Aaron Keith
; APPLICANT: Desjarlais, John R.
; TITLE OF INVENTION: PROTEIN ENGINEERING WITH ANALOGOUS CONTACT ENVIRONMENTS
; FILE REFERENCE: 18593/US/3
; CURRENT APPLICATION NUMBER: US/11/149,943
; CURRENT FILING DATE: 2005-06-09
; PRIOR APPLICATION NUMBER: US 60/602,566
; PRIOR FILING DATE: 2004-08-17
; PRIOR APPLICATION NUMBER: US 11/008,647
; PRIOR FILING DATE: 2004-12-08
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 56
; LENGTH: 107
; TYPE: PRT

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; ORGANISM: Mus musculus
US-11-149-943-56

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```

Query Match      1.5%; Score 9; DB 7; Length 107;
Best Local Similarity 100.0%; Pred. No. 0.13;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      37 GERYTLCK 45
DB      16 GERYTLCK 24

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RESULT 9
US-11-010-748A-612
; Sequence 612, Application US/11010748A
; Publication No. US2005024421A1
; GENERAL INFORMATION:
; APPLICANT: Merck Patent GmbH
; APPLICANT: STRITTMAYER, Wolfgang
; APPLICANT: MOLL, Heidemarie
; APPLICANT: SCHMID, Bernhard
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODULATING IMMUNE RESPONSE
; FILE REFERENCE: MER-136
; CURRENT APPLICATION NUMBER: US/11/010,748A
; CURRENT FILING DATE: 2004-12-13
; PRIOR APPLICATION NUMBER: PCT/EP03/06251
; PRIOR FILING DATE: 2003-06-13
; PRIOR APPLICATION NUMBER: EP02013423.5
; PRIOR FILING DATE: 2002-06-13
; NUMBER OF SEQ ID NOS: 926
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 612
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HLA-binding peptide of Seq. No. 611
US-11-010-748A-612

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Query Match      1.4%; Score 8; DB 7; Length 9;
Best Local Similarity 100.0%; Pred. No. 7.7e+04;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      89 GSPLSPPV 96
DB      2 GSPLSPPV 9

```

```

RESULT 10
US-11-010-748A-636
; Sequence 636, Application US/11010748A
; Publication No. US2005024421A1
; GENERAL INFORMATION:
; APPLICANT: Merck Patent GmbH
; APPLICANT: STRITTMAYER, Wolfgang
; APPLICANT: MOLL, Heidemarie
; APPLICANT: SCHMID, Bernhard
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODULATING IMMUNE RESPONSE
; FILE REFERENCE: MER-136
; CURRENT APPLICATION NUMBER: US/11/010,748A
; CURRENT FILING DATE: 2004-12-13
; PRIOR APPLICATION NUMBER: PCT/EP03/06251
; PRIOR FILING DATE: 2003-06-13
; PRIOR APPLICATION NUMBER: EP02013423.5
; PRIOR FILING DATE: 2002-06-13
; NUMBER OF SEQ ID NOS: 926
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 636
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HLA-binding peptide of Seq. No. 611

```

US-11-010-748A-636

Query Match 1.4%; Score 8; DB 7; Length 9;  
Best Local Similarity 100.0%; Pred. No. 7.7e+04;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 89 GSPLSSPV 96  
|||||  
DB 1 GSPLSSPV 8

RESULT 11

US-11-010-748A-645  
; Sequence 645, Application US/11010748A  
; Publication No. US20050244421A1  
; GENERAL INFORMATION:  
; APPLICANT: Merck Patent GmbH  
; APPLICANT: STRITTMAYER, Wolfgang  
; APPLICANT: MOLL, Heidrun  
; APPLICANT: SCHARM, Burkhard  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODULATING IMMUNE RESPONSE  
; FILE REFERENCE: MER-136  
; CURRENT APPLICATION NUMBER: US/11/010,748A  
; CURRENT FILING DATE: 2004-12-13  
; PRIOR APPLICATION NUMBER: PCT/EP03/06251  
; PRIOR FILING DATE: 2003-06-13  
; PRIOR APPLICATION NUMBER: EP02013423.5  
; PRIOR FILING DATE: 2002-06-13  
; NUMBER OF SEQ ID NOS: 926  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 645  
; LENGTH: 9  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: HLA-binding peptide of Seq. No. 642  
US-11-010-748A-645

Query Match 1.4%; Score 8; DB 7; Length 9;  
Best Local Similarity 100.0%; Pred. No. 7.7e+04;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 89 GSPLSSPV 96  
|||||  
DB 2 GSPLSSPV 9

RESULT 12

US-11-010-748A-667  
; Sequence 667, Application US/11010748A  
; Publication No. US20050244421A1  
; GENERAL INFORMATION:  
; APPLICANT: Merck Patent GmbH  
; APPLICANT: STRITTMAYER, Wolfgang  
; APPLICANT: MOLL, Heidrun  
; APPLICANT: SCHARM, Burkhard  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODULATING IMMUNE RESPONSE  
; FILE REFERENCE: MER-136  
; CURRENT APPLICATION NUMBER: US/11/010,748A  
; CURRENT FILING DATE: 2004-12-13  
; PRIOR APPLICATION NUMBER: PCT/EP03/06251  
; PRIOR FILING DATE: 2003-06-13  
; PRIOR APPLICATION NUMBER: EP02013423.5  
; PRIOR FILING DATE: 2002-06-13  
; NUMBER OF SEQ ID NOS: 926  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 667  
; LENGTH: 9  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: HLA-binding peptide of Seq. No. 642  
US-11-010-748A-667

Query Match 1.4%; Score 8; DB 7; Length 9;  
Best Local Similarity 100.0%; Pred. No. 7.7e+04;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 89 GSPLSSPV 96  
|||||  
DB 1 GSPLSSPV 8

RESULT 13

US-11-010-748A-611  
; Sequence 611, Application US/11010748A  
; Publication No. US20050244421A1  
; GENERAL INFORMATION:  
; APPLICANT: Merck Patent GmbH  
; APPLICANT: STRITTMAYER, Wolfgang  
; APPLICANT: MOLL, Heidrun  
; APPLICANT: SCHARM, Burkhard  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODULATING IMMUNE RESPONSE  
; FILE REFERENCE: MER-136  
; CURRENT APPLICATION NUMBER: US/11/010,748A  
; CURRENT FILING DATE: 2004-12-13  
; PRIOR APPLICATION NUMBER: PCT/EP03/06251  
; PRIOR FILING DATE: 2003-06-13  
; PRIOR APPLICATION NUMBER: EP02013423.5  
; PRIOR FILING DATE: 2002-06-13  
; NUMBER OF SEQ ID NOS: 926  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 611  
; LENGTH: 33  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: "Deemin" peptide fragment  
US-11-010-748A-611

Query Match 1.4%; Score 8; DB 7; Length 33;  
Best Local Similarity 100.0%; Pred. No. 0.44;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 89 GSPLSSPV 96  
|||||  
DB 13 GSPLSSPV 20

RESULT 14

US-11-010-748A-642  
; Sequence 642, Application US/11010748A  
; Publication No. US20050244421A1  
; GENERAL INFORMATION:  
; APPLICANT: Merck Patent GmbH  
; APPLICANT: STRITTMAYER, Wolfgang  
; APPLICANT: MOLL, Heidrun  
; APPLICANT: SCHARM, Burkhard  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODULATING IMMUNE RESPONSE  
; FILE REFERENCE: MER-136  
; CURRENT APPLICATION NUMBER: US/11/010,748A  
; CURRENT FILING DATE: 2004-12-13  
; PRIOR APPLICATION NUMBER: PCT/EP03/06251  
; PRIOR FILING DATE: 2003-06-13  
; PRIOR APPLICATION NUMBER: EP02013423.5  
; PRIOR FILING DATE: 2002-06-13  
; NUMBER OF SEQ ID NOS: 926  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 642  
; LENGTH: 33  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: "Deemin" peptide fragment  
US-11-010-748A-642

Query Match 1.4%; Score 8; DB 7; Length 33;  
Best Local Similarity 100.0%; Pred.No. 0.44;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 89 GSPILSPV 96  
Db 13 GSPILSPV 20

## RESULT 15

US-11-174-186-7  
Sequence 7, Application US/11174186  
Publication No. US2005024418A1  
GENERAL INFORMATION:  
APPLICANT: Gillies, Stephen  
APPLICANT: Lo, Kin-Ming  
APPLICANT: Qian, Xing  
TITLE OF INVENTION: Recombinant Tumor Specific Antibody And Use Thereof  
FILE REFERENCE: LEX-019  
CURRENT APPLICATION NUMBER: US/11/174,186  
CURRENT FILING DATE: 2005-07-01  
PRIOR APPLICATION NUMBER: US 60/288,564  
PRIOR FILING DATE: 2001-05-03  
NUMBER OF SEQ ID NOS: 42  
SOFTWARE: PatentIn version 3.3  
SEQ ID NO 7  
LENGTH: 106  
TYPE: PRT  
ORGANISM: Artificial  
FEATURE:  
OTHER INFORMATION: VK6 light chain  
US-11-174-186-7

Query Match 1.4%; Score 8; DB 7; Length 106;  
Best Local Similarity 100.0%; Pred.No. 1.3;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GERVLTIC 44  
Db 16 GERVLTIC 23

Search completed: February 17, 2006, 07:02:41  
Job time : 13.6371 secs

***This Page Blank (uspto)***



GenCore version 5.1.7  
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OW protein - protein search, using sw model

Run on: February 17, 2006, 06:37:40 ; Search time 10.3842 Seconds  
(without alignments)  
1624.177 Million cell updates/sec

Title: US-09-724-254A-44\_COPY\_556\_759

Perfect score: 204  
Sequence: 1 SLFVTVPSRPILTRVPPRA.....MTLKAGEMALPTSTSEN 204

Scoring table: OLIGO  
Gapop 60.0 , Gapept 60.0

Searched: 572060 seqs, 82675679 residues

Word size : 0

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database :

1: /cgn2\_6/ptodata/1/iaa/5\_COMB.pep:\*  
2: /cgn2\_6/ptodata/1/iaa/6\_COMB.pep:\*  
3: /cgn2\_6/ptodata/1/iaa/H\_COMB.pep:\*  
4: /cgn2\_6/ptodata/1/iaa/PCTUS\_COMB.pep:\*  
5: /cgn2\_6/ptodata/1/iaa/RB\_COMB.pep:\*  
6: /cgn2\_6/ptodata/1/iaa/Backfiles.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	138	67.6	1248	2	US-09-949-016-10595
2	138	67.6	1248	2	US-09-949-016-10596
3	138	67.6	1248	2	US-09-949-016-10596
4	138	67.6	1248	2	US-09-949-016-10596
5	138	67.6	1248	2	US-09-949-016-10596
6	138	67.6	1248	2	US-09-949-016-10596
7	138	67.6	1248	2	US-09-949-016-10596
8	138	67.6	1248	2	US-09-949-016-10596
9	138	67.6	1248	2	US-09-949-016-10596
10	138	67.6	1248	2	US-09-949-016-10596
11	138	67.6	1248	2	US-09-949-016-10596
12	138	67.6	1248	2	US-09-949-016-10596
13	138	67.6	1248	2	US-09-949-016-10596
14	138	67.6	1248	2	US-09-949-016-10596
15	138	67.6	1248	2	US-09-949-016-10596
16	138	67.6	1248	2	US-09-949-016-10596
17	138	67.6	1248	2	US-09-949-016-10596
18	138	67.6	1248	2	US-09-949-016-10596
19	138	67.6	1248	2	US-09-949-016-10596
20	138	67.6	1248	2	US-09-949-016-10596
21	138	67.6	1248	2	US-09-949-016-10596
22	138	67.6	1248	2	US-09-949-016-10596
23	138	67.6	1248	2	US-09-949-016-10596
24	138	67.6	1248	2	US-09-949-016-10596
25	138	67.6	1248	2	US-09-949-016-10596
26	138	67.6	1248	2	US-09-949-016-10596
27	138	67.6	1248	2	US-09-949-016-10596

28	7	3.4	480	2	US-09-252-991A-26799	Sequence 26799, A
29	7	3.4	497	2	US-09-134-000C-5990	Sequence 5990, Ap
30	7	3.4	639	2	US-09-252-991A-24474	Sequence 24474, A
31	7	3.4	742	2	US-09-252-991A-32659	Sequence 32659, A
32	7	3.4	807	2	US-09-081-345-2	Sequence 2, App11
33	7	3.4	807	2	US-09-822-295-2	Sequence 2, App11
34	7	3.4	969	2	US-09-198-452A-501	Sequence 501, App
35	7	3.4	969	2	US-09-438-185A-469	Sequence 469, App
36	7	3.4	1008	2	US-09-252-991A-19329	Sequence 19329, A
37	6	2.9	10	2	US-09-313-942-6	Sequence 6, App11
38	6	2.9	10	2	US-10-282-162-6	Sequence 12, App11
39	6	2.9	15	2	US-09-719-243-12	Sequence 287, App
40	6	2.9	26	1	US-07-942-245-287	Sequence 310, App
41	6	2.9	26	1	US-07-942-245-310	Sequence 311, App
42	6	2.9	26	1	US-07-942-245-311	Sequence 312, App
43	6	2.9	26	1	US-07-942-245-312	Sequence 313, App
44	6	2.9	26	1	US-07-942-245-313	Sequence 314, App
45	6	2.9	26	1	US-07-942-245-314	Sequence 314, App

## ALIGNMENTS

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RESULT 1
US-09-949-016-10595
Sequence 10595, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION: J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: C0001307
CURRENT APPLICATION NUMBER: US/09/949,016
PRIOR FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 10595
LENGTH: 1248
TYPE: PRT
ORGANISM: Human
US-09-949-016-10595

Query Match      67.6%; Score 138; DB 2; Length 1248;
Best Local Similarity 100.0%; Pred. No. 1.5e-120;
Matches 138; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      8 VSRRPILTRVPRRAQAVVGDLEIHCCEAPRGSPPIIYWFYHEDVTLGSSSAPSGCEASFWL 67
Db      1036 VSRRPILTRVPRRAQAVVGDLEIHCCEAPRGSPPIIYWFYHEDVTLGSSSAPSGCEASFWL 1095

Cy      68 SLTVEHSGNTSCCEANNGVLVAOHSDTISLVIIVPSRPILTRVPRRAQAVVGDLEIHCCEA 127
Db      1096 SLTVEHSGNTSCCEANNGVLVAOHSDTISLVIIVPSRPILTRVPRRAQAVVGDLEIHCCEA 1155

Cy      128 LRGSPPILYWFYHEDVTL 145
Db      1156 LRGSPPILYWFYHEDVTL 1173

RESULT 2
US-09-949-016-10596
Sequence 10596, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION: J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
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FILE REFERENCE: CL001307  
; CURRENT APPLICATION NUMBER: US/09/949,016  
; CURRENT FILING DATE: 2000-04-14  
; PRIOR APPLICATION NUMBER: 60/241,755  
; PRIOR FILING DATE: 2000-10-20  
; PRIOR APPLICATION NUMBER: 60/237,768  
; PRIOR FILING DATE: 2000-10-03  
; PRIOR APPLICATION NUMBER: 60/231,498  
; PRIOR FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 207012  
; SOFTWARE: FASTSEQ for Windows Version 4.0  
; SEQ ID NO 10596  
; LENGTH: 1248  
; TYPE: PRT  
; ORGANISM: Human  
US-09-949-016-10596

Query Match 67.6%; Score 138; DB 2; Length 1248;  
Best Local Similarity 100.0%; Pred. No. 1.5e-120; Indels 0; Gaps 0;  
Matches 138; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 VSRPILTLRVRAQAVVGDLLHCEAPRGSPPILYFYHEDVTLGSSAPSGGASFNL 67  
Db 1036 VSRPILTLRVRAQAVVGDLLHCEAPRGSPPILYFYHEDVTLGSSAPSGGASFNL 1095  
Qy 68 SLTAHSGNYSCEANNGLVAOHSSTISLVTVPYSRPIITPRARAQAVVGDLLHCEA 127  
Db 1096 SLTAHSGNYSCEANNGLVAOHSSTISLVTVPYSRPIITPRARAQAVVGDLLHCEA 1155  
Qy 128 LRGSPIIYFYHEDVTL 145  
Db 1156 LRGSPIIYFYHEDVTL 1173

RESULT 3  
US-09-800-729-126  
; Sequence 126, Application US/09800729  
; Patent No. 6605592  
; GENERAL INFORMATION:  
; APPLICANT: NI et al.  
; TITLE OF INVENTION: 32 Human secreted proteins  
; FILE REFERENCE: P2044P1  
; CURRENT APPLICATION NUMBER: US/09/800,729  
; CURRENT FILING DATE: 2001-03-08  
; PRIOR APPLICATION NUMBER: PCT/US00/26013  
; PRIOR FILING DATE: 2000-09-22  
; PRIOR APPLICATION NUMBER: 60/155,709  
; PRIOR FILING DATE: 1999-09-24  
; NUMBER OF SEQ ID NOS: 217  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 126  
; LENGTH: 115  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: SITE  
; LOCATION: (101)  
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
; NAME/KEY: SITE  
; LOCATION: (106)  
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
US-09-800-729-126

Query Match 3.4%; Score 7; DB 2; Length 115;  
Best Local Similarity 100.0%; Pred. No. 66;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 196 LPTSTS 202  
Db 53 LPTSTS 59

RESULT 4

US-10-104-047-2940  
; Sequence 2940, Application US/10104047  
; Patent No. 6943241  
; GENERAL INFORMATION:  
; APPLICANT: HELIX RESEARCH INSTITUTE  
; TITLE OF INVENTION: NO. 6943241el full length cDNA  
; FILE REFERENCE: H1-A0105  
; CURRENT APPLICATION NUMBER: US/10/104,047  
; CURRENT FILING DATE: 2002-03-25  
; PRIOR APPLICATION NUMBER:  
; PRIOR FILING DATE:  
; NUMBER OF SEQ ID NOS: 4096  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 2940  
; LENGTH: 130  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-104-047-2940

Query Match 3.4%; Score 7; DB 2; Length 130;  
Best Local Similarity 100.0%; Pred. No. 74;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 54 SSSAPSG 60  
Db 56 SSSAPSG 62

RESULT 5  
US-09-489-039A-12366  
; Sequence 12366, Application US/09489039A  
; Patent No. 6610835  
; GENERAL INFORMATION:  
; APPLICANT: Gary Breton et. al  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA  
; FILE REFERENCE: 2709.2004001  
; CURRENT APPLICATION NUMBER: US/09/489,039A  
; CURRENT FILING DATE: 2000-01-27  
; PRIOR APPLICATION NUMBER: US 60/117,747  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 14342  
; SEQ ID NO 12366  
; LENGTH: 147  
; TYPE: PRT  
; ORGANISM: Klebsiella pneumoniae  
US-09-489-039A-12366

Query Match 3.4%; Score 7; DB 2; Length 147;  
Best Local Similarity 100.0%; Pred. No. 83;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 34 APRGSP 40  
Db 87 APRGSP 93

RESULT 6  
US-10-012-231A-158  
; Sequence 158, Application US/10012231A  
; Patent No. 6924355  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.

```

; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C23
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 158
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-012-231A-158

Query Match
Best Local Similarity 100.0%; Score 7; DB 2; Length 163;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 VPRQAV 23
Db 15 VPRQAV 21

RESULT 7
US-10-015-389A-158
; Sequence 158, Application US/10015389A
; Patent No. 6946263
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C48
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 158
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-015-389A-158

Query Match
Best Local Similarity 100.0%; Score 7; DB 2; Length 163;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 VPRQAV 23
Db 15 VPRQAV 21

RESULT 8
US-10-006-768A-158
; Sequence 158, Application US/10006768A
; Patent No. 6936697
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C47
; CURRENT FILING DATE: 2001-12-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 158
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-015-671A-158

Query Match
Best Local Similarity 100.0%; Score 7; DB 2; Length 163;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 VPRQAV 23
Db 15 VPRQAV 21

RESULT 9
US-10-015-671A-158
; Sequence 158, Application US/10015671A
; Patent No. 6946263
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C47
; CURRENT FILING DATE: 2001-12-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 158
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-015-671A-158

Query Match
Best Local Similarity 100.0%; Score 7; DB 2; Length 163;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 VPRQAV 23
Db 15 VPRQAV 21
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RESULT 10
US-10-015-393A-158
; Sequence 158, Application US/10015393A
; Patent No. 6951737
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Pong, Sherman
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C22
; CURRENT APPLICATION NUMBER: US/10/011,833A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 158
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-015-393A-158

Query Match
Best Local Similarity 100.0%; Pred. No. 92;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 VPRQAV 23
Db 15 VPRQAV 21
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US-10-011-833A-158

Query Match
Best Local Similarity 100.0%; Pred. No. 92;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 VPRQAV 23
Db 15 VPRQAV 21

RESULT 12
US-10-006-041A-158
; Sequence 158, Application US/10006041A
; Patent No. 6951921
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Pong, Sherman
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C8
; CURRENT APPLICATION NUMBER: US/10/006,041A
; CURRENT FILING DATE: 2001-12-06
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 158
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-006-041A-158

Query Match
Best Local Similarity 100.0%; Pred. No. 92;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 VPRQAV 23
Db 15 VPRQAV 21

RESULT 13
US-10-012-064A-158
; Sequence 158, Application US/10012064A
; Patent No. 6953841
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
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FILE REFERENCE: P2830P1C19  
CURRENT APPLICATION NUMBER: US/10/012,064A  
CURRENT FILING DATE: 2002-07-15  
PRIOR APPLICATION NUMBER: 60/098716  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098723  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098749  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098750  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098803  
PRIOR FILING DATE: 1998-09-02  
PRIOR APPLICATION NUMBER: 60/098821  
PRIOR FILING DATE: 1998-09-02  
PRIOR APPLICATION NUMBER: 60/098843  
PRIOR FILING DATE: 1998-09-02  
PRIOR APPLICATION NUMBER: 60/099536  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099596  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099598  
PRIOR FILING DATE: 1998-09-09  
Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 477  
SEQ ID NO: 158  
LENGTH: 163  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-012-064A-158

Query Match 3.4%; Score 7; DB 2; Length 163;  
Best Local Similarity 100.0%; Pred. No. 92;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 VPRQAV 23  
DB 15 VPRQAV 21

RESULT 14  
US-08-401-530A-6  
Sequence 6, Application US/08401530A  
Patent No. 5834590  
GENERAL INFORMATION:  
APPLICANT: Vinik, Aaron I.  
APPLICANT: Piltenger, Gary L.  
APPLICANT: Ratseloff, Ronit  
APPLICANT: Rosenberg, Lawrence  
APPLICANT: Duguid, William P.  
TITLE OF INVENTION: INGPAP PROTEIN INVOLVED IN PANCREATIC  
TITLE OF INVENTION: ISLET NEOGENESIS  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Banner & Allegretti  
STREET: 1001 G Street, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: US  
ZIP: 20001-4597  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/401,530A  
FILING DATE: 22-FEB-1995  
CLASSIFICATION: 800  
ATTORNEY/AGENT INFORMATION:  
NAME: Kagan, Sarah A.  
REGISTRATION NUMBER: 32,141  
REFERENCE/DOCKET NUMBER: 00570,48743

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-508-9100  
TELEFAX: 202-508-9299  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 174 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
ORIGINAL SOURCE:  
ORGANISM: Rattus rattus  
US-08-401-530A-6

Query Match 3.4%; Score 7; DB 1; Length 174;  
Best Local Similarity 100.0%; Pred. No. 97;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 59 SGGKASF 65  
DB 80 SGGKASF 86

RESULT 15  
US-08-709-662-6  
Sequence 6, Application US/08709662  
Patent No. 5840531  
GENERAL INFORMATION:  
APPLICANT: Vinik, Aaron I.  
APPLICANT: Piltenger, Gary L.  
APPLICANT: Ratseloff, Ronit  
APPLICANT: Rosenberg, Lawrence  
APPLICANT: Duguid, William P.  
TITLE OF INVENTION: INGPAP PROTEIN INVOLVED IN PANCREATIC  
TITLE OF INVENTION: ISLET NEOGENESIS  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Banner & Witcoff, Ltd.  
STREET: 1001 G Street, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: US  
ZIP: 20001-4597  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/709,662  
FILING DATE: 09-SEP-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Kagan, Sarah A.  
REGISTRATION NUMBER: 32,141  
REFERENCE/DOCKET NUMBER: 00570,59178  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-508-9100  
TELEFAX: 202-508-9299  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 174 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
ORIGINAL SOURCE:  
ORGANISM: Rattus rattus  
US-08-709-662-6

Query Match 3.4%; Score 7; DB 1; Length 174;  
Best Local Similarity 100.0%; Pred. No. 97;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 59 SGGKASF 65

**Tue Feb 21 15:32:24 2006**

us-09-724-254a-44\_copy\_556\_759.011.rat

**Page 6**

Db 80 SGEASF 86

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Job time : 10.3842 secs

GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM protein - protein search, using sw model

Run on: February 17, 2006, 06:56:30 ; Search time 48.9064 Seconds  
(without alignments)  
1742.863 Million cell updates/sec

Title: US-09-724-254A-44\_COPY\_556\_759

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Gapop 60.0, Gapext 60.0

Searched: 1867569 seqs, 417829326 residues

Word size: 0

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database: Published Applications AA.Main:\*

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6: /cgnt2\_6/ptodaca/1/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

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2	204	100.0	759	4 US-10-057-475B-10460	Sequence 10460, A
3	204	100.0	759	4 US-10-154-884B-10460	Sequence 10460, A
4	204	100.0	759	4 US-10-403-847-10460	Sequence 10460, A
5	204	100.0	759	4 US-10-764-324-10460	Sequence 10460, A
6	204	100.0	759	4 US-10-403-847-10460	Sequence 10460, A
7	191	93.6	977	4 US-10-040-862-10462	Sequence 10462, A
8	191	93.6	977	4 US-10-057-475B-10462	Sequence 10462, A
9	191	93.6	977	4 US-10-154-884B-10462	Sequence 10462, A
10	191	93.6	977	4 US-10-403-847-10462	Sequence 10462, A
11	191	93.6	977	4 US-10-764-324-10462	Sequence 10462, A
12	177	86.8	977	4 US-10-241-820-97	Sequence 97, Appl
13	177	86.8	977	4 US-10-872-972-97	Sequence 97, Appl
14	177	86.8	977	4 US-10-991-991-97	Sequence 97, Appl
15	177	86.8	977	4 US-10-983-340-35	Sequence 139, Appl
16	177	86.8	977	4 US-10-403-847-139	Sequence 139, Appl
17	177	86.8	977	4 US-10-403-847-145	Sequence 145, Appl
18	177	86.8	977	4 US-10-403-847-146	Sequence 146, Appl
19	177	86.8	977	4 US-10-403-847-147	Sequence 147, Appl
20	177	86.8	977	4 US-10-403-847-148	Sequence 148, Appl
21	177	86.8	977	4 US-10-403-847-149	Sequence 149, Appl
22	177	86.8	977	4 US-10-403-847-150	Sequence 150, Appl
23	177	86.8	977	4 US-10-403-847-151	Sequence 151, Appl
24	177	86.8	977	4 US-10-403-847-152	Sequence 152, Appl
25	177	86.8	977	4 US-10-403-847-153	Sequence 153, Appl
26	177	86.8	977	4 US-10-403-847-154	Sequence 154, Appl
27	177	86.8	977	4 US-10-403-847-155	Sequence 155, Appl

28	23	11.3	255	4 US-10-154-884B-9612	Sequence 9612, Ap
29	23	11.3	255	4 US-10-154-884B-11057	Sequence 11057, A
30	23	11.3	255	4 US-10-764-324-9612	Sequence 9612, Ap
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32	23	11.3	261	4 US-10-057-475B-9611	Sequence 9611, Ap
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34	23	11.3	261	4 US-10-154-884B-11056	Sequence 11056, A
35	23	11.3	261	4 US-10-764-324-9611	Sequence 9611, Ap
36	23	11.3	302	4 US-10-154-884B-11051	Sequence 11051, A
37	23	11.3	350	4 US-10-154-884B-11047	Sequence 11047, A
38	23	11.3	350	4 US-10-154-884B-11047	Sequence 11047, A
39	23	11.3	380	4 US-10-508-374-22	Sequence 22, Appl
40	23	11.3	397	4 US-10-154-884B-11052	Sequence 11052, A
41	23	11.3	413	4 US-10-154-884B-11040	Sequence 11040, A
42	23	11.3	445	4 US-10-154-884B-11043	Sequence 11043, A
43	23	11.3	460	4 US-10-154-884B-11048	Sequence 11048, A
44	23	11.3	489	4 US-10-508-374-4	Sequence 4, Appl1
45	23	11.3	508	4 US-10-040-862-10464	Sequence 10464, A

## ALIGNMENTS

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US-10-040-862-10460  
; Sequence 10460, Application US/10040862  
; Publication No. US2003078396A1  
; GENERAL INFORMATION:  
; APPLICANT: Galger, Alexander  
; APPLICANT: Algate, Paul A.  
; APPLICANT: Manion, Jane  
; APPLICANT: Retter, Marc  
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy  
; FILE REFERENCE: 014058-013520US  
; CURRENT APPLICATION NUMBER: US/10/040,862  
; PRIOR FILING DATE: 2001-11-06  
; PRIOR APPLICATION NUMBER: US 60/186,126  
; PRIOR FILING DATE: 2000-03-01  
; PRIOR APPLICATION NUMBER: US 60/190,479  
; PRIOR FILING DATE: 2000-03-17  
; PRIOR APPLICATION NUMBER: US 60/200,545  
; PRIOR FILING DATE: 2000-04-27  
; PRIOR APPLICATION NUMBER: US 60/200,303  
; PRIOR FILING DATE: 2000-04-28  
; PRIOR APPLICATION NUMBER: US 60/200,779  
; PRIOR FILING DATE: 2000-04-28  
; PRIOR APPLICATION NUMBER: US 60/200,999  
; PRIOR FILING DATE: 2000-05-01  
; PRIOR APPLICATION NUMBER: US 60/202,084  
; PRIOR FILING DATE: 2000-05-04  
; PRIOR APPLICATION NUMBER: US 60/206,201  
; PRIOR FILING DATE: 2000-05-22  
; PRIOR APPLICATION NUMBER: US 60/218,950  
; PRIOR FILING DATE: 2000-07-14  
; PRIOR APPLICATION NUMBER: US 60/222,903  
; PRIOR FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: US 60/223,416  
; PRIOR FILING DATE: 2000-08-04  
; PRIOR APPLICATION NUMBER: US 60/223,378  
; PRIOR FILING DATE: 2000-08-07  
; PRIOR APPLICATION NUMBER: US 09/796,692  
; NUMBER OF SEQ ID NOS: 10467  
; SOFTWARE: FASTSQ for Windows Version 3.0  
; SEQ ID NO: 10460  
; LENGTH: 759  
; TYPE: NT  
; ORGANISM: Homo sapiens  
US-10-040-862-10460  
Query Match 100.0%; Score 204; DB 4; Length 759;

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Best Local Similarity 100.0%; Pred. No. 4.8e-182;
Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 616 GEASFNLSLTAHSGNYSCEANNGLVAQHSDDTISLSIVPVSRPILTFRAPRAQAVVGD 675
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Db 736 QRESEMTLKVAGEMALPTSSTSEN 759

RESULT 2
US-10-057-475B-10460
; Sequence 10460, Application US/10057475B
; Publication No. US20040002068A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Clapper, Jonathan David
; APPLICANT: Wang, Aijun
; APPLICANT: Ordomez, Nadia
; APPLICANT: Carter, Lauren
; APPLICANT: McNeill, Patricia Dianne
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-014402US
; CURRENT APPLICATION NUMBER: US/10/057,475B
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
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; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 10979
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10460
; LENGTH: 759
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-475B-10460

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Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 616 GEASFNLSLTAHSGNYSCEANNGLVAQHSDDTISLSIVPVSRPILTFRAPRAQAVVGD 675
QY 121 LEHCEALRGSSPILYWFHEDVTLGKISAPSGGASFNLSLTHSGIYSCDANGLEA 180
Db 676 LEHCEALRGSSPILYWFHEDVTLGKISAPSGGASFNLSLTHSGIYSCDANGLEA 735
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Db 736 QRESEMTLKVAGEMALPTSSTSEN 759

RESULT 3
US-10-154-884B-10460
; Sequence 10460, Application US/10154884B
; Publication No. US20040005561A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc W.
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-013521US
; CURRENT APPLICATION NUMBER: US/10/154,884B
; PRIOR FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
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; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 11290
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10460
; LENGTH: 759
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-154-884B-10460

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Best Local Similarity 100.0%; Pred. No. 4.8e-182;
Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 181 ORSEWVTLKVAGEMALPTSSTSEN 204  
Db 736 ORSEWVTLKVAGEMALPTSSTSEN 759

RESULT 4  
US-10-403-847-7  
Sequence 7, Application US/10403847  
Publication No. US2004003098A1  
GENERAL INFORMATION:  
APPLICANT: Bristol-Myers Squibb Company  
TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL TWO SPLICED VARIANTS OF A HUMAN  
FILE REFERENCE: D0228 NP  
CURRENT APPLICATION NUMBER: US/10/403,847  
CURRENT FILING DATE: 2003-03-28  
PRIOR APPLICATION NUMBER: U.S. 60/368,671  
PRIOR FILING DATE: 2002-03-29  
PRIOR APPLICATION NUMBER: U.S. 60/371,420  
PRIOR FILING DATE: 2002-04-10  
NUMBER OF SEQ ID NOS: 156  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 7  
LENGTH: 759  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-403-847-7

Query Match 100.0%; Score 204; DB 4; Length 759;  
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Db 616 GEASFNLSLTHSGIYSCDNDNGLEA 675  
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Db 676 LEHCEALRGSSPILTYFHEVDYLGKISAPSGGASFNLSLTHSGIYSCDNDNGLEA 735  
Qy 181 ORSEWVTLKVAGEMALPTSSTSEN 204  
Db 736 ORSEWVTLKVAGEMALPTSSTSEN 759

RESULT 5  
US-10-764-324-10460  
Sequence 10460, Application US/10764324  
Publication No. US20040175739A1  
GENERAL INFORMATION:  
APPLICANT: Gaiger, Alexander  
APPLICANT: Mannion, Jane  
APPLICANT: Retter, Marc  
TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy  
FILE REFERENCE: 014058-013520US  
CURRENT APPLICATION NUMBER: US/10/764,324  
CURRENT FILING DATE: 2004-01-23  
PRIOR APPLICATION NUMBER: US/10/040,862  
PRIOR FILING DATE: 2001-11-06  
PRIOR APPLICATION NUMBER: US 60/186,126  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: US 60/190,479  
PRIOR FILING DATE: 2000-03-17

PRIOR APPLICATION NUMBER: US 60/200,545  
PRIOR FILING DATE: 2000-04-27  
PRIOR APPLICATION NUMBER: US 60/200,303  
PRIOR FILING DATE: 2000-04-28  
PRIOR APPLICATION NUMBER: US 60/200,779  
PRIOR FILING DATE: 2000-04-28  
PRIOR APPLICATION NUMBER: US 60/200,999  
PRIOR FILING DATE: 2000-05-01  
PRIOR APPLICATION NUMBER: US 60/202,084  
PRIOR FILING DATE: 2000-05-04  
PRIOR APPLICATION NUMBER: US 60/206,201  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: US 60/218,950  
PRIOR FILING DATE: 2000-07-14  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 10467  
SOFTWARE: PatsSRO for Windows Version 3.0  
SEQ ID NO 10460  
LENGTH: 759  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-764-324-10460

Query Match 100.0%; Score 204; DB 4; Length 759;  
Best Local Similarity 100.0%; Pred. No. 4,8e-182; Indels 0; Gaps 0;  
Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 616 GEASFNLSLTHSGIYSCDNDNGLEA 675  
Qy 121 LEHCEALRGSSPILTYFHEVDYLGKISAPSGGASFNLSLTHSGIYSCDNDNGLEA 180  
Db 676 LEHCEALRGSSPILTYFHEVDYLGKISAPSGGASFNLSLTHSGIYSCDNDNGLEA 735  
Qy 181 ORSEWVTLKVAGEMALPTSSTSEN 204  
Db 736 ORSEWVTLKVAGEMALPTSSTSEN 759

RESULT 6  
US-10-403-847-4  
Sequence 4, Application US/10403847  
Publication No. US2004003098A1  
GENERAL INFORMATION:  
APPLICANT: Bristol-Myers Squibb Company  
TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL TWO SPLICED VARIANTS OF A HUMAN  
FILE REFERENCE: D0228 NP  
CURRENT APPLICATION NUMBER: US/10/403,847  
CURRENT FILING DATE: 2003-03-28  
PRIOR APPLICATION NUMBER: U.S. 60/368,671  
PRIOR FILING DATE: 2002-03-29  
PRIOR APPLICATION NUMBER: U.S. 60/371,420  
PRIOR FILING DATE: 2002-04-10  
NUMBER OF SEQ ID NOS: 156  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 4  
LENGTH: 790  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-403-847-4

Query Match 100.0%; Score 204; DB 4; Length 790;  
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Db 647 GEASFNLSLTAHSGNYSCEANNGLVAQHSDDTISLTVIVPSRPILTLFPAAPRAQAVVGD 706  
Qy 121 LELHCEALRGSSPILLYWFYHEDVTLGKISAPSGGASFNLSLTTEHSGIYSCDADNGLEA 180  
Db 707 LELHCEALRGSSPILLYWFYHEDVTLGKISAPSGGASFNLSLTTEHSGIYSCDADNGLEA 766  
Qy 181 ORSEWTLKVA GEMALPTSTSEN 204  
Db 767 ORSEWTLKVA GEMALPTSTSEN 790

RESULT 7  
US-10-040-862-10462  
; Sequence 10462, Application US/10040862  
; Publication No. US20030078396A1  
; GENERAL INFORMATION:  
; APPLICANT: Gaiger, Alexander  
; APPLICANT: Algate, Paul A.  
; APPLICANT: Mannon, Jane  
; APPLICANT: Retter, Marc  
; APPLICANT: Corixa Corporation  
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy  
; FILE REFERENCE: 014058-013520US  
; CURRENT APPLICATION NUMBER: US/10/040,862  
; CURRENT FILING DATE: 2001-11-06  
; PRIOR APPLICATION NUMBER: US 60/186,126  
; PRIOR FILING DATE: 2000-03-01  
; PRIOR APPLICATION NUMBER: US 60/190,479  
; PRIOR FILING DATE: 2000-03-17  
; PRIOR APPLICATION NUMBER: US 60/200,545  
; PRIOR FILING DATE: 2000-04-27  
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; PRIOR APPLICATION NUMBER: US 60/200,999  
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; PRIOR APPLICATION NUMBER: US 60/202,084  
; PRIOR FILING DATE: 2000-05-04  
; PRIOR APPLICATION NUMBER: US 60/206,201  
; PRIOR FILING DATE: 2000-05-22  
; PRIOR APPLICATION NUMBER: US 60/218,950  
; PRIOR FILING DATE: 2000-07-14  
; PRIOR APPLICATION NUMBER: US 60/222,903  
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; PRIOR APPLICATION NUMBER: US 60/223,416  
; PRIOR FILING DATE: 2000-08-04  
; PRIOR APPLICATION NUMBER: US 60/223,378  
; PRIOR FILING DATE: 2000-08-07  
; PRIOR APPLICATION NUMBER: US 09/796,692  
; PRIOR FILING DATE: 2001-03-01  
; NUMBER OF SEQ ID NOS: 10467  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 10462  
; LENGTH: 977  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-040-862-10462

Query Match 93.6%; Score 191; DB 4; Length 977;  
Best Local Similarity 100.0%; Pred. No. 8.9e-170;  
Matches 191; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SLFTVTVPSRPILTLVPPRAQAVVGDLLBLHCEAPRGSPILLYWFYHEDVTLGSSAPBG 60  
Db 556 SLFTVTVPSRPILTLVPPRAQAVVGDLLBLHCEAPRGSPILLYWFYHEDVTLGSSAPBG 615  
Qy 61 GEASFNLSLTAHSGNYSCEANNGLVAQHSDDTISLTVIVPSRPILTLFPAAPRAQAVVGD 120

Db 616 GEASFNLSLTAHSGNYSCEANNGLVAQHSDDTISLTVIVPSRPILTLFPAAPRAQAVVGD 675  
Qy 121 LELHCEALRGSSPILLYWFYHEDVTLGKISAPSGGASFNLSLTTEHSGIYSCDADNGLEA 180  
Db 676 LELHCEALRGSSPILLYWFYHEDVTLGKISAPSGGASFNLSLTTEHSGIYSCDADNGLEA 735  
Qy 181 ORSEWTLKVA 191  
Db 736 ORSEWTLKVA 746

RESULT 8  
US-10-057-475B-10462  
; Sequence 10462, Application US/10057475B  
; Publication No. US20040002068A1  
; GENERAL INFORMATION:  
; APPLICANT: Gaiger, Alexander  
; APPLICANT: Algate, Paul A.  
; APPLICANT: Mannon, Jane  
; APPLICANT: Clapper, Jonathan David  
; APPLICANT: Wang, Aljun  
; APPLICANT: Ordonez, Nadia  
; APPLICANT: Carter, Lauren  
; APPLICANT: McNeill, Patricia Dianne  
; APPLICANT: Corixa Corporation  
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy  
; FILE REFERENCE: 014058-0144020US  
; CURRENT APPLICATION NUMBER: US/10/057,475B  
; CURRENT FILING DATE: 2002-01-22  
; PRIOR APPLICATION NUMBER: US 60/186,126  
; PRIOR FILING DATE: 2000-03-01  
; PRIOR APPLICATION NUMBER: US 60/190,479  
; PRIOR FILING DATE: 2000-03-17  
; PRIOR APPLICATION NUMBER: US 60/200,545  
; PRIOR FILING DATE: 2000-04-27  
; PRIOR APPLICATION NUMBER: US 60/200,303  
; PRIOR FILING DATE: 2000-04-28  
; PRIOR APPLICATION NUMBER: US 60/200,779  
; PRIOR FILING DATE: 2000-04-28  
; PRIOR APPLICATION NUMBER: US 60/200,999  
; PRIOR FILING DATE: 2000-05-01  
; PRIOR APPLICATION NUMBER: US 60/202,084  
; PRIOR FILING DATE: 2000-05-04  
; PRIOR APPLICATION NUMBER: US 60/206,201  
; PRIOR FILING DATE: 2000-05-22  
; PRIOR APPLICATION NUMBER: US 60/218,950  
; PRIOR FILING DATE: 2000-07-14  
; PRIOR APPLICATION NUMBER: US 60/222,903  
; PRIOR FILING DATE: 2000-08-03  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 10979  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 10462  
; LENGTH: 977  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-057-475B-10462

Query Match 93.6%; Score 191; DB 4; Length 977;  
Best Local Similarity 100.0%; Pred. No. 8.9e-170;  
Matches 191; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SLFTVTVPSRPILTLVPPRAQAVVGDLLBLHCEAPRGSPILLYWFYHEDVTLGSSAPBG 60  
Db 556 SLFTVTVPSRPILTLVPPRAQAVVGDLLBLHCEAPRGSPILLYWFYHEDVTLGSSAPBG 615  
Qy 61 GEASFNLSLTAHSGNYSCEANNGLVAQHSDDTISLTVIVPSRPILTLFPAAPRAQAVVGD 120  
Db 616 GEASFNLSLTAHSGNYSCEANNGLVAQHSDDTISLTVIVPSRPILTLFPAAPRAQAVVGD 675  
Qy 121 LELHCEALRGSSPILLYWFYHEDVTLGKISAPSGGASFNLSLTTEHSGIYSCDADNGLEA 180

DB 676 LEHCEALRGSSPILTYFHEVDVTLGKISAPSGGASFNLSLTHSGIYSCDADNGLEA 735  
QY 181 ORSEWVTLKVA 191  
DB 736 ORSEWVTLKVA 746

RESULT 9  
US-10-154-884B-10462  
Sequence 10462, Application US/10154884B  
Publication No. US2004005561A1  
GENERAL INFORMATION:  
APPLICANT: Gaiger, Alexander  
APPLICANT: Algate, Paul A.  
APPLICANT: Mannion, Jane  
APPLICANT: Retter, Marc W.  
APPLICANT: Corixa Corporation  
TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy  
FILE REFERENCE: 014058-013521US  
CURRENT APPLICATION NUMBER: US/10/154,884B  
PRIOR FILING DATE: 2002-05-23  
PRIOR APPLICATION NUMBER: US 60/186,126  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: US 60/190,479  
PRIOR FILING DATE: 2000-03-17  
PRIOR APPLICATION NUMBER: US 60/200,545  
PRIOR FILING DATE: 2000-04-27  
PRIOR APPLICATION NUMBER: US 60/200,303  
PRIOR FILING DATE: 2000-04-28  
PRIOR APPLICATION NUMBER: US 60/200,779  
PRIOR FILING DATE: 2000-04-28  
PRIOR APPLICATION NUMBER: US 60/200,999  
PRIOR FILING DATE: 2000-05-01  
PRIOR APPLICATION NUMBER: US 60/202,084  
PRIOR FILING DATE: 2000-05-04  
PRIOR APPLICATION NUMBER: US 60/206,201  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: US 60/218,950  
PRIOR FILING DATE: 2000-07-14  
PRIOR APPLICATION NUMBER: US 60/222,903  
PRIOR FILING DATE: 2000-08-03  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 11290  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 10462  
LENGTH: 977  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-154-884B-10462

Query Match 93.6%; Score 191; DB 4; Length 977;  
Best Local Similarity 100.0%; Pred. No. 8.9e-170; Indels 0; Gaps 0;  
Matches 191; Conservative 0; Mismatches 0;

QY 1 SEFTVPSRPIITLTVPRQAQVVDLLEHCEAPRGSPILTYFHEVDVTLGSSAPSG 60  
DB 556 SEFTVPSRPIITLTVPRQAQVVDLLEHCEAPRGSPILTYFHEVDVTLGSSAPSG 615  
QY 61 GEASFNLSTLAEHSGNYSCDANGLVAQHSPTISLSYIVPSRPIITLTVPRQAQVVDL 120  
DB 616 GEASFNLSTLAEHSGNYSCDANGLVAQHSPTISLSYIVPSRPIITLTVPRQAQVVDL 675  
QY 121 LEHCEALRGSSPILTYFHEVDVTLGKISAPSGGASFNLSLTHSGIYSCDADNGLEA 180  
DB 676 LEHCEALRGSSPILTYFHEVDVTLGKISAPSGGASFNLSLTHSGIYSCDADNGLEA 735  
QY 181 ORSEWVTLKVA 191  
DB 736 ORSEWVTLKVA 746

RESULT 10  
US-10-403-847-9  
Sequence 9, Application US/10403847  
Publication No. US20040030098A1  
GENERAL INFORMATION:  
APPLICANT: Bristol-Myers Squibb Company  
TITLE OF INVENTION: POLYNICTROTIDES ENCODING NOVEL TWO SPLICED VARIANTS OF A HUMAN  
FILE REFERENCE: D0228 NP  
CURRENT APPLICATION NUMBER: US/10/403,847  
PRIOR FILING DATE: 2003-03-28  
PRIOR APPLICATION NUMBER: U.S. 60/368,671  
PRIOR FILING DATE: 2002-03-29  
PRIOR APPLICATION NUMBER: U.S. 60/371,420  
PRIOR FILING DATE: 2002-04-10  
NUMBER OF SEQ ID NOS: 156  
SOFTWARE: Patent In Version 3.2  
SEQ ID NO 9  
LENGTH: 977  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-403-847-9

Query Match 93.6%; Score 191; DB 4; Length 977;  
Best Local Similarity 100.0%; Pred. No. 8.9e-170; Indels 0; Gaps 0;  
Matches 191; Conservative 0; Mismatches 0;

QY 1 SEFTVPSRPIITLTVPRQAQVVDLLEHCEAPRGSPILTYFHEVDVTLGSSAPSG 60  
DB 556 SEFTVPSRPIITLTVPRQAQVVDLLEHCEAPRGSPILTYFHEVDVTLGSSAPSG 615  
QY 61 GEASFNLSTLAEHSGNYSCDANGLVAQHSPTISLSYIVPSRPIITLTVPRQAQVVDL 120  
DB 616 GEASFNLSTLAEHSGNYSCDANGLVAQHSPTISLSYIVPSRPIITLTVPRQAQVVDL 675  
QY 121 LEHCEALRGSSPILTYFHEVDVTLGKISAPSGGASFNLSLTHSGIYSCDADNGLEA 180  
DB 676 LEHCEALRGSSPILTYFHEVDVTLGKISAPSGGASFNLSLTHSGIYSCDADNGLEA 735  
QY 181 ORSEWVTLKVA 191  
DB 736 ORSEWVTLKVA 746

RESULT 11  
US-10-764-324-10462  
Sequence 10462, Application US/10764324  
Publication No. US20040175739A1  
GENERAL INFORMATION:  
APPLICANT: Gaiger, Alexander  
APPLICANT: Algate, Paul A.  
APPLICANT: Mannion, Jane  
APPLICANT: Retter, Marc  
APPLICANT: Corixa Corporation  
TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy  
FILE REFERENCE: 014058-013520US  
CURRENT APPLICATION NUMBER: US/10/764,324  
PRIOR FILING DATE: 2004-01-23  
PRIOR APPLICATION NUMBER: US/10/040,862  
PRIOR FILING DATE: 2001-11-06  
PRIOR APPLICATION NUMBER: US 60/186,126  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: US 60/190,479  
PRIOR FILING DATE: 2000-03-17  
PRIOR APPLICATION NUMBER: US 60/200,545  
PRIOR FILING DATE: 2000-04-27  
PRIOR APPLICATION NUMBER: US 60/200,303  
PRIOR FILING DATE: 2000-04-28  
PRIOR APPLICATION NUMBER: US 60/200,779  
PRIOR FILING DATE: 2000-04-28  
PRIOR APPLICATION NUMBER: US 60/200,999  
PRIOR FILING DATE: 2000-05-01

PRIOR APPLICATION NUMBER: US 60/202,084  
PRIOR FILING DATE: 2000-05-04  
PRIOR APPLICATION NUMBER: US 60/206,201  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: US 60/218,950  
PRIOR FILING DATE: 2000-07-14  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 10467  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 10462  
LENGTH: 977  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-764-324-10462

Query Match 93.6%; Score 191; DB 4; Length 977;  
Best Local Similarity 100.0%; Pred. No. 8.9e-170;  
Matches 191; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFVTVPSRPILTLRVPRQAQVVGDLLEHCEAPRGSPILYWFYHEDVTLGSSSAPSG 60  
DB 556 SLFVTVPSRPILTLRVPRQAQVVGDLLEHCEAPRGSPILYWFYHEDVTLGSSSAPSG 615  
QY 61 GEASFNLSLTAHSGNYSCEANNGLVAGHSDDTISLSIVYVPSRPILTFRAPRAQAVVGD 120  
DB 616 GEASFNLSLTAHSGNYSCEANNGLVAGHSDDTISLSIVYVPSRPILTFRAPRAQAVVGD 675  
QY 121 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHESGIYSCADNGLEA 180  
DB 676 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHESGIYSCADNGLEA 735  
QY 181 QREBMTLKVA 191  
DB 736 QREBMTLKVA 746

RESULT 12  
US-10-241-220-97  
Sequence 97, Application US/10241220  
Publication No. US20030148408A1  
GENERAL INFORMATION:  
APPLICANT: Frantz, Gretchen  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Phillips, Heidi  
APPLICANT: Polakis, Paul  
APPLICANT: Spencer, Susan  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wu, Thomas  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND  
TREATMENT OF TUMOR  
FILE REFERENCE: P5010R1-US  
CURRENT APPLICATION NUMBER: US/10/241,220  
CURRENT FILING DATE: 2002-12-13  
NUMBER OF SEQ ID NOS: 120  
SEQ ID NO 97  
LENGTH: 977  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-241-220-97

Query Match 86.8%; Score 177; DB 4; Length 977;  
Best Local Similarity 100.0%; Pred. No. 1.1e-156;  
Matches 177; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFVTVPSRPILTLRVPRQAQVVGDLLEHCEAPRGSPILYWFYHEDVTLGSSSAPSG 60  
DB 556 SLFVTVPSRPILTLRVPRQAQVVGDLLEHCEAPRGSPILYWFYHEDVTLGSSSAPSG 615  
QY 61 GEASFNLSLTAHSGNYSCEANNGLVAGHSDDTISLSIVYVPSRPILTFRAPRAQAVVGD 120  
DB 616 GEASFNLSLTAHSGNYSCEANNGLVAGHSDDTISLSIVYVPSRPILTFRAPRAQAVVGD 675

QY 121 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHESGIYSCADNG 177  
DB 676 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHESGIYSCADNG 732

RESULT 13  
US-10-872-972-97  
Sequence 97, Application US/10872972  
Publication No. US20040229277A1  
GENERAL INFORMATION:  
APPLICANT: Frantz, Gretchen  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Phillips, Heidi  
APPLICANT: Polakis, Paul  
APPLICANT: Spencer, Susan  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wu, Thomas  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND  
TREATMENT OF TUMOR  
FILE REFERENCE: P5010R1-US  
CURRENT APPLICATION NUMBER: US/10/872,972  
CURRENT FILING DATE: 2004-06-21  
PRIOR APPLICATION NUMBER: US/10/241,220  
PRIOR FILING DATE: 2002-09-11  
NUMBER OF SEQ ID NOS: 120  
SEQ ID NO 97  
LENGTH: 977  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-872-972-97

Query Match 86.8%; Score 177; DB 5; Length 977;  
Best Local Similarity 100.0%; Pred. No. 1.1e-156;  
Matches 177; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFVTVPSRPILTLRVPRQAQVVGDLLEHCEAPRGSPILYWFYHEDVTLGSSSAPSG 60  
DB 556 SLFVTVPSRPILTLRVPRQAQVVGDLLEHCEAPRGSPILYWFYHEDVTLGSSSAPSG 615  
QY 61 GEASFNLSLTAHSGNYSCEANNGLVAGHSDDTISLSIVYVPSRPILTFRAPRAQAVVGD 120  
DB 616 GEASFNLSLTAHSGNYSCEANNGLVAGHSDDTISLSIVYVPSRPILTFRAPRAQAVVGD 675  
QY 121 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHESGIYSCADNG 177  
DB 676 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHESGIYSCADNG 732

RESULT 14  
US-10-872-991-97  
Sequence 97, Application US/10872991  
Publication No. US20040242860A1  
GENERAL INFORMATION:  
APPLICANT: Frantz, Gretchen  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Phillips, Heidi  
APPLICANT: Polakis, Paul  
APPLICANT: Spencer, Susan  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wu, Thomas  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND  
TREATMENT OF TUMOR  
FILE REFERENCE: P5010R1-US  
CURRENT APPLICATION NUMBER: US/10/872,991  
CURRENT FILING DATE: 2004-06-21  
PRIOR APPLICATION NUMBER: US/10/241,220  
PRIOR FILING DATE: 2002-09-11  
NUMBER OF SEQ ID NOS: 120  
SEQ ID NO 97  
LENGTH: 977  
TYPE: PRT

ORGANISM: Homo Sapien  
US-10-872-991-97

Query Match 86.8%; Score 177; DB 5; Length 977;  
Best Local Similarity 100.0%; Pred. No. 1.1e-156;  
Matches 177; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFTVPVSRPILTLRVRAQAVVGDLELHCEAPRGSPPILYWFYHEDVTLGSSAPSG 60  
DB 556 SLFTVPVSRPILTLRVRAQAVVGDLELHCEAPRGSPPILYWFYHEDVTLGSSAPSG 615  
QY 61 GEASFNLSTLTHSGNYSCEANNGLVAQHSDDTISLSVIVPVSREPLTFRAAPRAQAVVGD 120  
DB 616 GEASFNLSTLTHSGNYSCEANNGLVAQHSDDTISLSVIVPVSREPLTFRAAPRAQAVVGD 675  
QY 121 LEIHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHSGIYSCDANG 177  
DB 676 LEIHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHSGIYSCDANG 732

## RESULT 15

US-10-983-340-35  
Sequence 35, Application US/10983340  
Publication No. US20050238649A1  
GENERAL INFORMATION:  
APPLICANT: Toki, Brian R.  
APPLICANT: Doronina, Svetlana O.  
APPLICANT: Senter, Peter D.  
APPLICANT: Ebens, Allen J.  
APPLICANT: Polakis, Paul  
APPLICANT: Slikowski, Mark X.  
APPLICANT: Spencer, Susan D.  
APPLICANT: Kishner, Scott Beth  
TITLE OF INVENTION: MONOMETHYLALANINE COMPOUNDS CAPABLE OF CONJUGATION TO LIGANDS  
FILE REFERENCE: 018891-001020US  
CURRENT FILING DATE: 2004-11-05  
CURRENT APPLICATION NUMBER: US/10/983,340  
PRIOR FILING DATE: 2004-08-04  
PRIOR APPLICATION NUMBER: US 60/598,899  
PRIOR FILING DATE: 2004-03-26  
PRIOR APPLICATION NUMBER: US 60/518,534  
PRIOR FILING DATE: 2003-11-06  
NUMBER OF SEQ ID NOS: 35  
SEQ ID NO 35  
LENGTH: 977  
TYPE: PRT  
ORGANISM: Homo sapien  
US-10-983-340-35

Query Match 86.8%; Score 177; DB 5; Length 977;  
Best Local Similarity 100.0%; Pred. No. 1.1e-156;  
Matches 177; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFTVPVSRPILTLRVRAQAVVGDLELHCEAPRGSPPILYWFYHEDVTLGSSAPSG 60  
DB 556 SLFTVPVSRPILTLRVRAQAVVGDLELHCEAPRGSPPILYWFYHEDVTLGSSAPSG 615  
QY 61 GEASFNLSTLTHSGNYSCEANNGLVAQHSDDTISLSVIVPVSREPLTFRAAPRAQAVVGD 120  
DB 616 GEASFNLSTLTHSGNYSCEANNGLVAQHSDDTISLSVIVPVSREPLTFRAAPRAQAVVGD 675  
QY 121 LEIHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHSGIYSCDANG 177  
DB 676 LEIHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHSGIYSCDANG 732

Search completed: February 17, 2006, 07:02:12  
Job time : 49.9064 secs

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; FILE REFERENCE: 689290-218
; CURRENT APPLICATION NUMBER: US/10/514,534
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US/60/380,612
; PRIOR FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-514-534-9

Query Match      11.3%; Score 23; DB 6; Length 192;
Best Local Similarity 100.0%; Pred. No. 2.8e-15;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      63 ASFNLSLTAHSGNYSCEANNGL 85
DB      99 ASFNLSLTAHSGNYSCEANNGL 121

RESULT 3
US-10-514-534-8
; Sequence 8, Application US/10514534
; Publication No. US20050287147A1
; GENERAL INFORMATION:
; APPLICANT: Avalon Pharmaceuticals, Inc.
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy
; FILE REFERENCE: 689290-218
; CURRENT APPLICATION NUMBER: US/10/514,534
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US/60/380,612
; PRIOR FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 255
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-514-534-8

Query Match      11.3%; Score 23; DB 6; Length 255;
Best Local Similarity 100.0%; Pred. No. 3.6e-15;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      63 ASFNLSLTAHSGNYSCEANNGL 85
DB      99 ASFNLSLTAHSGNYSCEANNGL 121

RESULT 4
US-10-514-534-6
; Sequence 6, Application US/10514534
; Publication No. US20050287147A1
; GENERAL INFORMATION:
; APPLICANT: Avalon Pharmaceuticals, Inc.
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy
; FILE REFERENCE: 689290-218
; CURRENT APPLICATION NUMBER: US/10/514,534
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US/60/380,612
; PRIOR FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 341
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-514-534-6

Query Match      11.3%; Score 23; DB 6; Length 341;
Best Local Similarity 100.0%; Pred. No. 4.6e-15;
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Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      63 ASFNLSLTAHSGNYSCEANNGL 85
DB      99 ASFNLSLTAHSGNYSCEANNGL 121

RESULT 5
US-10-514-534-7
; Sequence 7, Application US/10514534
; Publication No. US20050287147A1
; GENERAL INFORMATION:
; APPLICANT: Avalon Pharmaceuticals, Inc.
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy
; FILE REFERENCE: 689290-218
; CURRENT APPLICATION NUMBER: US/10/514,534
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US/60/380,612
; PRIOR FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 508
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-514-534-7

Query Match      11.3%; Score 23; DB 6; Length 508;
Best Local Similarity 100.0%; Pred. No. 6.5e-15;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      63 ASFNLSLTAHSGNYSCEANNGL 85
DB      352 ASFNLSLTAHSGNYSCEANNGL 374

RESULT 6
US-11-093-274-41
; Sequence 41, Application US/11093274
; Publication No. US20050266008A1
; GENERAL INFORMATION:
; APPLICANT: Graziano, Robert
; APPLICANT: Cardarelli, Josephine M.
; APPLICANT: Kempe, Thomas
; APPLICANT: Cutler, Beth
; APPLICANT: Srinivasan, Mohan
; TITLE OF INVENTION: IKTA-5 ANTIBODIES AND THEIR USES
; FILE REFERENCE: 04280/1201101-US1
; CURRENT APPLICATION NUMBER: US/11/093,274
; CURRENT FILING DATE: 2005-03-28
; PRIOR APPLICATION NUMBER: 60/557,741
; PRIOR FILING DATE: 2004-03-29
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41
; LENGTH: 508
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-11-093-274-41

Query Match      11.3%; Score 23; DB 7; Length 508;
Best Local Similarity 100.0%; Pred. No. 6.5e-15;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      63 ASFNLSLTAHSGNYSCEANNGL 85
DB      352 ASFNLSLTAHSGNYSCEANNGL 374

RESULT 7
US-11-093-274-40
; Sequence 40, Application US/11093274
; Publication No. US20050266008A1
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; GENERAL INFORMATION:
; APPLICANT: Graziano, Robert
; APPLICANT: Cardarelli, Josephine M.
; APPLICANT: Kempe, Thomas
; APPLICANT: Cutler, Beth
; APPLICANT: Srinivasan, Mohan
; TITLE OF INVENTION: IRTA-5 ANTIBODIES AND THEIR USES
; FILE REFERENCE: 04280/1201101-US1
; CURRENT APPLICATION NUMBER: US/11/093,274
; CURRENT FILING DATE: 2005-03-28
; PRIOR APPLICATION NUMBER: 60/557,741
; PRIOR FILING DATE: 2004-03-29
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 40
; LENGTH: 734
; TYPE: PRF
; ORGANISM: Homo sapiens
US-11-093-274-40

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Query Match      8.3%; Score 17; DB 7; Length 734;
Best Local Similarity 100.0%; Pred. No. 6.4e-09;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      63 ASFNLSLTAHSGNYSC 79
DB      435 ASFNLSLTAHSGNYSC 451

```

```

RESULT 8
US-11-093-274-37
; Sequence 37, Application US/11093274
; Publication No. US2005026608A1
; GENERAL INFORMATION:
; APPLICANT: Graziano, Robert
; APPLICANT: Cardarelli, Josephine M.
; APPLICANT: Kempe, Thomas
; APPLICANT: Cutler, Beth
; APPLICANT: Srinivasan, Mohan
; TITLE OF INVENTION: IRTA-5 ANTIBODIES AND THEIR USES
; FILE REFERENCE: 04280/1201101-US1
; CURRENT APPLICATION NUMBER: US/11/093,274
; CURRENT FILING DATE: 2005-03-28
; PRIOR APPLICATION NUMBER: 60/557,741
; PRIOR FILING DATE: 2004-03-29
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 37
; LENGTH: 429
; TYPE: PRF
; ORGANISM: Homo sapiens
US-11-093-274-37

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Query Match      7.4%; Score 15; DB 7; Length 429;
Best Local Similarity 100.0%; Pred. No. 3.7e-07;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      149 SAPSGGASFNLSLT 163
DB      253 SAPSGGASFNLSLT 267

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RESULT 9
US-10-821-234-1015
; Sequence 1015, Application US/10821234
; Publication No. US20050255114A1
; GENERAL INFORMATION:
; APPLICANT: Labat, Ivan
; APPLICANT: Stache-crain, Birgit
; APPLICANT: Andarmani, Susan
; APPLICANT: Tang, Y. Tom
; TITLE OF INVENTION: Methods for Diagnosis and Treatment of Preeclampsia
; FILE REFERENCE: 821A

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; CURRENT APPLICATION NUMBER: US/10/821,234
; CURRENT FILING DATE: 2004-04-07
; PRIOR APPLICATION NUMBER: US 60/462,047
; PRIOR FILING DATE: 2003-04-07
; NUMBER OF SEQ ID NOS: 1704
; SOFTWARE: Pf-Seq, genes Version 1.0
; SEQ ID NO: 1015
; LENGTH: 555
; TYPE: PRF
; ORGANISM: Homo sapiens
US-10-821-234-1015

```

```

Query Match      4.4%; Score 9; DB 6; Length 555;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

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QY      162 LTTHESGIY 170
DB      350 LTTHESGIY 358

```

```

RESULT 10
US-11-072-512-2940
; Sequence 2940, Application US/11072512
; Publication No. US2006029945A1
; GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: MAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUUKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHICO
; APPLICANT: YOSHIKAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTOKYU
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
; TITLE OF INVENTION: Novel full length CDNA
; FILE REFERENCE: 084335-0191
; CURRENT APPLICATION NUMBER: US/11/072,512
; CURRENT FILING DATE: 2005-03-07
; PRIOR APPLICATION NUMBER: US 60/350,978
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: JP 2001-379298
; PRIOR FILING DATE: 2001-11-05
; NUMBER OF SEQ ID NOS: 4096
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 2940
; LENGTH: 130
; TYPE: PRF
; ORGANISM: Homo sapiens
US-11-072-512-2940

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```

Query Match      3.4%; Score 7; DB 7; Length 130;
Best Local Similarity 100.0%; Pred. No. 8.6;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      54 SSSAPSG 60
DB      56 SSSAPSG 62

```

```

RESULT 11
US-10-131-826A-504
; Sequence 504, Application US/10131826A
; Publication No. US20050245730A1

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; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P330R1C128
; CURRENT APPLICATION NUMBER: US/10/131, 826A
; PRIOR FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059586
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 504
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-131-826A-504

Query Match
Best Local Similarity 3.4%; Score 7; DB 6; Length 163;
Pred. No. 10;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY 17 VPRQAV 23
Db 15 VPRQAV 21

RESULT 12
US-11-183-136-16
; Sequence 16, Application US/11183136
; Publication No. US20060019896A1
; GENERAL INFORMATION:
; APPLICANT: Li, Dean
; APPLICANT: Park, Kye Won
; TITLE OF INVENTION: NETRIN-RELATED COMPOSITIONS AND USRS
; FILE REFERENCE: UITH-P01-011
; CURRENT APPLICATION NUMBER: US/11/183, 136
; PRIOR FILING DATE: 2005-07-14
; PRIOR APPLICATION NUMBER: US 60/587,796
; PRIOR FILING DATE: 2004-07-14
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; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 963
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-11-183-136-16

Query Match
Best Local Similarity 3.4%; Score 7; DB 7; Length 963;
Pred. No. 47;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 53 GSSSAPS 59
Db 93 GSSSAPS 99

RESULT 13
US-10-453-372-880
; Sequence 880, Application US/10453372
; Publication No. US20060003323A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook, et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS
; FILE REFERENCE: 21402-589 A
; CURRENT APPLICATION NUMBER: US/10/453,372
; PRIOR FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: 09/789390
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/185967
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 09/823187
; PRIOR FILING DATE: 2001-03-29
; PRIOR APPLICATION NUMBER: 60/195792
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 09/839446
; PRIOR FILING DATE: 2001-03-19
; PRIOR APPLICATION NUMBER: 60/199476
; PRIOR FILING DATE: 2000-03-25
; PRIOR APPLICATION NUMBER: 09/863776
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: 60/208263
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: 09/939398
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: 60/227800
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1609
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 880
; LENGTH: 1198
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-453-372-880

Query Match
Best Local Similarity 3.4%; Score 7; DB 6; Length 1198;
Pred. No. 57;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 78 SCEANNG 84
Db 330 SCEANNG 336

RESULT 14
US-10-055-877-46
; Sequence 46, Application US/10055877
; Publication No. US20050288241A1
; GENERAL INFORMATION:
; APPLICANT: Decristofaro, Marc
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Miller, Charles
```

```
APPLICANT: Tchernev, Velizar
APPLICANT: Zhong, Mei
APPLICANT: Anderson, David
APPLICANT: Ballinger, Robert
APPLICANT: Gerlach, Valerie
APPLICANT: Spytek, Kimberly
APPLICANT: Rattelli, Luca
APPLICANT: Kexuda, Rameesh
APPLICANT: Guo, Xiaojia
APPLICANT: Zernusen, Bryan
APPLICANT: Andrew, David
APPLICANT: Mezes, Peter
APPLICANT: Patuturajan, Meera
APPLICANT: Burgess, Catherine
APPLICANT: Bisen, Andrew
APPLICANT: Wolenc, Adam
APPLICANT: Baumgartner, Jason
APPLICANT: Shinkets, Richard
APPLICANT: Gusev, Vladimir
APPLICANT: Vernet, Corine
APPLICANT: Taupier Jr., Raymond
APPLICANT: Pena, Carol
APPLICANT: Shenoy, Sureesh
APPLICANT: Li, Li
APPLICANT: Casman, Stacie
APPLICANT: Boldog, Ferenc
TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoded Thereby
FILE REFERENCE: 21402-251
CURRENT APPLICATION NUMBER: US/10/055,877
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: 60/262,892
PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: 60/263,598
PRIOR FILING DATE: 2001-01-23
PRIOR APPLICATION NUMBER: 60/263,799
PRIOR FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: 60/264,117
PRIOR FILING DATE: 2001-01-25
PRIOR APPLICATION NUMBER: 60/264,139
PRIOR FILING DATE: 2001-01-25
PRIOR APPLICATION NUMBER: 60/264,478
PRIOR FILING DATE: 2001-01-26
PRIOR APPLICATION NUMBER: 60/263,351
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: 60/272,870
PRIOR FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 60/275,990
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/275,927
PRIOR FILING DATE: 2001-03-14
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 512
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 46
LENGTH: 1398
TYPE: PRT
ORGANISM: Homo sapiens
US-10-055-877-46
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Query Match          3.4%; Score 7; DB 6; Length 1398;
Best Local Similarity 100.0%; Pred. No. 65;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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OY      78 SCEANNNG 84
Db      330 SCEANNNG 336
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RESULT 15
US-10-453-372-872
; Sequence 872, Application US/10453372
; Publication No. US20060003323a1
; GENERAL INFORMATION:
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APPLICANT: Alsobrook, et al.
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS
FILE REFERENCE: 21402-589 A
CURRENT APPLICATION NUMBER: US/10/453,372
CURRENT FILING DATE: 2003-06-03
PRIOR APPLICATION NUMBER: 09/789390
PRIOR FILING DATE: 2001-02-23
PRIOR APPLICATION NUMBER: 60/185967
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: 09/823187
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/195792
PRIOR FILING DATE: 2000-03-10
PRIOR APPLICATION NUMBER: 09/839446
PRIOR FILING DATE: 2001-03-19
PRIOR APPLICATION NUMBER: 60/199476
PRIOR FILING DATE: 2000-03-25
PRIOR APPLICATION NUMBER: 09/863776
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: 60/208263
PRIOR FILING DATE: 2000-05-31
PRIOR APPLICATION NUMBER: 09/939398
PRIOR FILING DATE: 2001-08-24
PRIOR APPLICATION NUMBER: 60/227800
PRIOR FILING DATE: 2000-08-25
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 1609
SOFTWARE: Curaseqdist version 0.1
SEQ ID NO 872
LENGTH: 1398
TYPE: PRT
ORGANISM: Homo sapiens
US-10-453-372-872
```

```
Query Match          3.4%; Score 7; DB 6; Length 1398;
Best Local Similarity 100.0%; Pred. No. 65;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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OY      78 SCEANNNG 84
Db      330 SCEANNNG 336
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Search completed: February 17, 2006, 07:02:42
Job time : 4.35468 secs
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GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM protein - protein search, using sw model

Run on: February 17, 2006, 06:37:40 ; Search time 21.4811 Seconds  
(without alignments)  
1624.177 Million cell updates/sec

Title: US-09-724-254A-41\_COPY\_556\_977  
Perfect score: 422  
Sequence: 1 SLFVTVVSRPILTLKVPRA.....KVAATPVSGSLFLASAPRR 422

Scoring table: OLIGO Gapop 60.0, Gapext 60.0

Searched: 572060 seqs, 82675679 residues

Word size: 0

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0  
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Post-processing: Listing first 45 summaries

Database:

Issued Patents AA:\*  
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4: /cgn2\_6/ptodata/1/iaa/PCUTS.COMB.pep:\*  
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	138	32.7	1248	2	US-09-949-016-10595
2	138	32.7	1248	2	US-09-949-016-10596
3	8	1.9	432	2	US-09-902-540-10469
4	8	1.9	472	2	US-09-603-2081-282
5	7	1.7	10	2	US-08-381-662-7
6	7	1.7	10	2	US-08-684-293-7
7	7	1.7	74	2	US-08-684-293-1
8	7	1.7	92	1	US-08-451-947-50
9	7	1.7	92	1	US-08-424-826A-50
10	7	1.7	92	2	US-08-928-694-50
11	7	1.7	92	2	US-08-450-842-50
12	7	1.7	92	2	US-08-451-390-50
13	7	1.7	92	4	PCT-0891-06950-50
14	7	1.7	110	2	US-09-605-703B-1498
15	7	1.7	126	2	US-09-774-639-197
16	7	1.7	130	2	US-10-104-047-2940
17	7	1.7	140	2	US-09-252-991A-25737
18	7	1.7	147	2	US-09-489-039A-12366
19	7	1.7	163	2	US-10-012-231A-158
20	7	1.7	163	2	US-10-015-389A-158
21	7	1.7	163	2	US-10-006-768A-158
22	7	1.7	163	2	US-10-015-671A-158
23	7	1.7	163	2	US-10-015-393A-158
24	7	1.7	163	2	US-10-011-833A-158
25	7	1.7	163	2	US-10-006-041A-158
26	7	1.7	163	2	US-10-012-064A-158
27	7	1.7	165	2	US-09-489-039A-11784

28	7	1.7	174	1	US-08-401-530A-6	Sequence 6, App1
29	7	1.7	174	1	US-08-709-662-6	Sequence 6, App1
30	7	1.7	205	2	US-09-489-039A-8206	Sequence 8206, Ap
31	7	1.7	205	2	US-09-605-703B-2382	Sequence 2382, Ap
32	7	1.7	217	2	US-09-902-540-14812	Sequence 14812, A
33	7	1.7	218	2	US-09-248-796A-14423	Sequence 14423, A
34	7	1.7	239	2	US-09-252-991A-24294	Sequence 24294, A
35	7	1.7	242	2	US-09-252-991A-21114	Sequence 21114, A
36	7	1.7	245	2	US-08-469-260A-40	Sequence 40, App1
37	7	1.7	245	2	US-08-488-446-40	Sequence 40, App1
38	7	1.7	245	2	US-08-467-344A-40	Sequence 40, App1
39	7	1.7	245	2	US-08-424-550B-40	Sequence 40, App1
40	7	1.7	273	2	US-09-605-703B-1770	Sequence 1770, Ap
41	7	1.7	285	2	US-09-489-039A-7446	Sequence 7446, Ap
42	7	1.7	325	2	US-09-252-991A-18378	Sequence 18378, A
43	7	1.7	328	2	US-09-902-540-11000	Sequence 11000, A
44	7	1.7	353	2	US-09-576-160B-6	Sequence 6, App1
45	7	1.7	356	2	US-09-134-000C-4914	Sequence 4914, Ap

## ALIGNMENTS

```
RESULT 1
US-09-949-016-10595
Sequence 10595, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VANTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
WITH HUMAN DISEASE. METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: C1001307
CURRENT FILING DATE: US/09/949, 016
PRIOR FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 10595
LENGTH: 1248
TYPE: PRT
ORGANISM: Human
US-09-949-016-10595
Query Match 32.7%; Score 138; DB 2; Length 1248;
Best Local Similarity 100.0%; Pred. No. 3.8e-122; Indels 0; Gaps 0;
Matches 138; Conservative 0; Mismatches 0;
QY 8 VSRPILTRVPRRAQVYVDLLEHCEAPRGPSPILYWFYHEDVTLGSSAPSGGEASPNL 67
DB 1036 VSRPILTRVPRRAQVYVDLLEHCEAPRGPSPILYWFYHEDVTLGSSAPSGGEASPNL 1095
QY 68 SITAHSGNVCCEANNGLVNOHSDTSLSVIVPRPILTRVPRRAQVYVDLLEHCEA 127
DB 1096 SITAHSGNVCCEANNGLVNOHSDTSLSVIVPRPILTRVPRRAQVYVDLLEHCEA 1155
QY 128 IAGSSPILYWFYHEDVTL 145
DB 1156 IAGSSPILYWFYHEDVTL 1173
RESULT 2
US-09-949-016-10596
Sequence 10596, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VANTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
WITH HUMAN DISEASE. METHODS OF DETECTION AND USES THEREOF
```

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FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 10596
LENGTH: 1248
TYPE: PRT
ORGANISM: Human
US-09-949-016-10596

Query Match
Best Local Similarity 32.7%; Score 138; DB 2; Length 1248;
Matches 138; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 VSRPILTRVPAQAVVDLLEHCEAPRGSPILVWFYHEDVTLGSSAPSGGASFNL 67
DB 1036 VSRPILTRVPAQAVVDLLEHCEAPRGSPILVWFYHEDVTLGSSAPSGGASFNL 1095
QY 68 SLTAHSGNYSCEANGLVAQHSDTISLVIYVSRPILTRVPAQAVVDLLEHCEA 127
DB 1096 SLTAHSGNYSCEANGLVAQHSDTISLVIYVSRPILTRVPAQAVVDLLEHCEA 1155
QY 128 LRGSPLVWFYHEDVTL 145
DB 1156 LRGSPLVWFYHEDVTL 1173

RESULT 3
US-09-902-540-10469
Sequence 10469; Application US/09902540
Patent No. 6833447
GENERAL INFORMATION:
APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof
FILE REFERENCE: 38-10(11849)B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 10469
LENGTH: 432
TYPE: PRT
ORGANISM: Myxococcus xanthus
US-09-902-540-10469

Query Match
Best Local Similarity 1.9%; Score 8; DB 2; Length 432;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 307 LAAGALL 314
DB 34 LAAGALL 41

RESULT 4
US-09-603-208A-282
Sequence 282; Application US/09603208A
Patent No. 6822084
GENERAL INFORMATION:
APPLICANT: Pompejus, Markus
APPLICANT: Kroger, Burkhard
APPLICANT: Schroder, Hartwig
```

```
APPLICANT: Zelder, Oskar
APPLICANT: Haberhauer, Gregor
APPLICANT: Lee, Heung-Shick
APPLICANT: Kim, Hyung-Joon
TITLE OF INVENTION: CORYNEBACTERIUM GLUTAMICUM GENES ENCODING STRESS,
RESISTANCE AND TOLERANCE PROTEINS
FILE REFERENCE: BGI-124CP
CURRENT APPLICATION NUMBER: US/09/603,208A
CURRENT FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: 60/141031
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 60/142692
PRIOR FILING DATE: 1999-07-01
PRIOR APPLICATION NUMBER: 60/151214
PRIOR FILING DATE: 1999-08-27
PRIOR APPLICATION NUMBER: DE 19930429.7
PRIOR FILING DATE: 1999-07-01
PRIOR APPLICATION NUMBER: DE 19931413.6
PRIOR FILING DATE: 1999-07-08
PRIOR APPLICATION NUMBER: DE 19931457.8
PRIOR FILING DATE: 1999-07-08
PRIOR APPLICATION NUMBER: DE 19931541.8
PRIOR FILING DATE: 1999-07-08
PRIOR APPLICATION NUMBER: DE 19932209.0
PRIOR FILING DATE: 1999-07-09
PRIOR APPLICATION NUMBER: DE 19932230.9
PRIOR FILING DATE: 1999-07-09
PRIOR APPLICATION NUMBER: DE 19932914.1
PRIOR FILING DATE: 1999-07-14
PRIOR APPLICATION NUMBER: DE 19940764.9
PRIOR FILING DATE: 1999-08-27
PRIOR APPLICATION NUMBER: DE 19941382.7
PRIOR FILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 306
SEQ ID NO 282
LENGTH: 472
TYPE: PRT
ORGANISM: Corynebacterium glutamicum
US-09-603-208A-282

Query Match
Best Local Similarity 1.9%; Score 8; DB 2; Length 472;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 298 AGGILSLIA 305
DB 93 AGGILSLIA 100

RESULT 5
US-08-581-662-7
Sequence 7; Application US/08581662
Patent No. 6121235
GENERAL INFORMATION:
APPLICANT: Gao, Wei-Qiang
TITLE OF INVENTION: Treatment of Balance Impairments
FILE REFERENCE: P0981
CURRENT APPLICATION NUMBER: US/08/581,662
CURRENT FILING DATE: 1995-12-29
NUMBER OF SEQ ID NOS: 36
SEQ ID NO 7
LENGTH: 10
TYPE: PRT
ORGANISM: Homo sapiens
US-08-581-662-7

Query Match
Best Local Similarity 1.7%; Score 7; DB 2; Length 10;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 318 LSRKAGR 324
DB 2 LSRKAGR 8
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RESULT 6
US-09-664-295-7
; Sequence 7, Application US/09664295
; Patent No. 6429196
; GENERAL INFORMATION:
; APPLICANT: Gao, Wei-Qiang
; TITLE OF INVENTION: Treatment of Balance Impairments
; FILE REFERENCE: GENEY.051C1
; CURRENT APPLICATION NUMBER: US/09/664,295
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 08/581,662
; PRIOR FILING DATE: 1995-12-29
; NUMBER OF SEQ ID NOS: 37
; SEQ ID NO 7
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-664-295-7

Query Match
Best Local Similarity 1.7%; Score 7; DB 2; Length 10;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 318 LSRKGR 324
DB 2 LSRKGR 8

RESULT 7
US-09-580-043B-1
; Sequence 1, Application US/09580043B
; Patent No. 6517828
; GENERAL INFORMATION:
; APPLICANT: LIN, SUE-HWA
; APPLICANT: LUO, WEIPING
; TITLE OF INVENTION: C-CAM AS AN ANGIOGENESIS INHIBITOR
; FILE REFERENCE: UTSC:623US
; CURRENT APPLICATION NUMBER: US/09/580,043B
; CURRENT FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/136,563
; PRIOR FILING DATE: 1999-05-28
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 1
; LENGTH: 74
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-580-043B-1

Query Match
Best Local Similarity 1.7%; Score 7; DB 2; Length 74;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 397 IYSEVK 403
DB 66 IYSEVK 72

RESULT 8
US-08-451-947-50
; Sequence 50, Application US/08451947
; Patent No. 5702906
; GENERAL INFORMATION:
; APPLICANT: ROSENTHAL, ARNON
; APPLICANT: ROSENTHAL, ARNON
; TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: 460 Point San Bruno Blvd
```

```

; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,947
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/426419
; FILING DATE: 19-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/030013
; FILING DATE: 22-MAR-1993
; APPLICATION DATA: 07/648482
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/587707
; FILING DATE: 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Torchia, Timothy E.
; REGISTRATION NUMBER: 36,700
; REFERENCE/DOCKET NUMBER: 666P2CID2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-8674
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 92 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
US-08-451-947-50

Query Match
Best Local Similarity 1.7%; Score 7; DB 1; Length 92;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 318 LSRKGR 324
DB 84 LSRKGR 90

RESULT 9
US-08-424-826A-50
; Sequence 50, Application US/08424826A
; Patent No. 5830858
; GENERAL INFORMATION:
; APPLICANT: ROSENTHAL, ARNON
; TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Winpatin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/424,826A
; FILING DATE: 19-APR-1995
; CLASSIFICATION: 514
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PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/240387  
FILING DATE: 10-May-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/648482  
FILING DATE: 31-JAN-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/587707  
FILING DATE: 25-SEP-1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Torchia, PhD., Timothy E.  
REGISTRATION NUMBER: 36,700  
REFERENCE/DOCKET NUMBER: P066P1C2  
TELEPHONE: 415/225-8674  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 50:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 92 amino acids  
TYPE: Amino Acid  
TOPOLOGY: Linear  
US-08-424-826A-50

Query Match 1.7%; Score 7; DB 1; Length 92;  
Best Local Similarity 100.0%; Pred. No. 83;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 318 LSRKGR 324  
Db 84 LSRKGR 90

RESULT 10  
US-08-928-694-50  
Sequence 50, Application US/08928694  
Patent No. 6037320  
GENERAL INFORMATION:  
APPLICANT: ROSENTHAL, ARNON  
TITLE OF INVENTION: NOVEL NEUTROTROPHIC FACTOR  
NUMBER OF SEQUENCES: 100  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 1 DNA Way  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WinPatIn (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/928,694  
FILING DATE: 12-Sep-1997  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/451947  
FILING DATE: 26-MAY-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/426419  
FILING DATE: 19-APR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/030013  
FILING DATE: 22-MAR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/648482  
FILING DATE: 31-JAN  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/587707  
FILING DATE: 1991  
ATTORNEY/AGENT INFORMATION:

NAME: Torchia, PhD., Timothy E.  
REGISTRATION NUMBER: 36,700  
REFERENCE/DOCKET NUMBER: P066P2C1D2C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650/225-8674  
TELEFAX: 650/952-9881  
INFORMATION FOR SEQ ID NO: 50:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 92 amino acids  
TYPE: Amino Acid  
TOPOLOGY: Linear  
US-08-928-694-50

Query Match 1.7%; Score 7; DB 2; Length 92;  
Best Local Similarity 100.0%; Pred. No. 83;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 318 LSRKGR 324  
Db 84 LSRKGR 90

RESULT 11  
US-08-450-842-50  
Sequence 50, Application US/08450842  
Patent No. 6506728  
GENERAL INFORMATION:  
APPLICANT: GENENTECH, INC.  
TITLE OF INVENTION: NOVEL NEUTROTROPHIC FACTOR  
NUMBER OF SEQUENCES: 100  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: patin (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/450,842  
FILING DATE:  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/426419  
FILING DATE: 19-APR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/030013  
FILING DATE: 22-MAR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/648482  
FILING DATE: 31-JAN  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/587707  
FILING DATE: 1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Torchia, Timothy E.  
REGISTRATION NUMBER: 36,700  
REFERENCE/DOCKET NUMBER: 666P2C1D3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/225-8674  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 50:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 92 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
US-08-450-842-50



Query Match 1.7%; Score 7; DB 2; Length 92;  
Best Local Similarity 100.0%; Pred. No. 83;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 318 LSRKGR 324  
Db 84 LSRKGR 90

RESULT 12  
US-08-451-390-50  
Sequence 50, Application US/08451390  
Patent No. 6566091  
GENERAL INFORMATION:  
APPLICANT: GENENTECH, INC.  
APPLICANT: ROSENTHAL, ARNON  
TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR  
NUMBER OF SEQUENCES: 100  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patin (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/451,390  
FILING DATE:  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/426419  
FILING DATE: 19-APR-1995  
PRIOR APPLICATION DATA: 08/030013  
APPLICATION NUMBER: 22-MAR-1993  
PRIOR APPLICATION DATA: 07/648482  
FILING DATE: 31-JAN  
APPLICATION NUMBER: 07/587707  
APPLICATION DATA:  
FILING DATE: 1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Torchia, Timothy E.  
REGISTRATION NUMBER: 36,700  
REFERENCE/DOCKET NUMBER: 66P2C1D1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/952-9881  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 50:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 92 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
US-08-451-390-50  
Query Match 1.7%; Score 7; DB 2; Length 92;  
Best Local Similarity 100.0%; Pred. No. 83;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 318 LSRKGR 324  
Db 84 LSRKGR 90

RESULT 13  
PCT-US91-06950-50

Sequence 50, Application PC/TUS9106950

GENERAL INFORMATION:  
APPLICANT: GENENTECH, INC.  
APPLICANT: ROSENTHAL, ARNON  
TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR  
NUMBER OF SEQUENCES: 100  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patin (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US91/06950  
FILING DATE: 19910924  
CLASSIFICATION: 436  
PRIOR APPLICATION DATA: 07/648482  
APPLICATION NUMBER: 07/587707  
APPLICATION DATA:  
ATTORNEY/AGENT INFORMATION:  
NAME: Hensley, Max D.  
REGISTRATION NUMBER: 27,043  
REFERENCE/DOCKET NUMBER: 66P1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/266-1994  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 50:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 92 amino acids  
TYPE: AMINO ACID  
TOPOLOGY: linear  
PCT-US91-06950-50

Query Match 1.7%; Score 7; DB 4; Length 92;  
Best Local Similarity 100.0%; Pred. No. 83;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 318 LSRKGR 324  
Db 84 LSRKGR 90

RESULT 14  
US-09-605-703B-1498  
Sequence 1498, Application US/09605703B  
Patent No. 6962989  
GENERAL INFORMATION:  
APPLICANT: Pompeius, Markus  
APPLICANT: Krogger, Burkhard  
APPLICANT: Schroder, Hartwig  
APPLICANT: Zelder, Oskar  
APPLICANT: Haberhauser, Gregor  
TITLE OF INVENTION: CORVINEBACTERIUM GLUTAMICUM GENES ENCODING NOVEL  
FIVE REFERENCE: BGI-129CP  
CURRENT APPLICATION NUMBER: US/09/605,703B  
PRIOR FILING DATE: 2000-06-27  
PRIOR APPLICATION NUMBER: 60/142,764  
PRIOR FILING DATE: 1999-07-08  
PRIOR APPLICATION NUMBER: 60/152,318  
PRIOR FILING DATE: 1999-09-03  
NUMBER OF SEQ ID NOS: 2934  
SEQ ID NO 1498  
LENGTH: 110  
TYPE: PRT

; ORGANISM: Corynebacterium glutamicum  
US-09-605-703B-1498

Query Match 1.7%; Score 7; DB 2; Length 110;  
Best Local Similarity 100.0%; Pred. No. 98;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 294 ATGVAGG 300  
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Db 4 ATGVAGG 10

## RESULT 15

US-09-774-639-197  
; Sequence 197, Application US/09774639  
; Patent No. 6806351  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: 90 Human Secreted Proteins  
; FILE REFERENCE: P2013P1  
; CURRENT APPLICATION NUMBER: US/09/774,639  
; CURRENT FILING DATE: 2001-07-09  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/244,112  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-04  
; NUMBER OF SEQ ID NOS: 371  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 197  
; LENGTH: 126  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: SITE  
; LOCATION: (126)  
; OTHER INFORMATION: Xaa equals stop translation  
US-09-774-639-197

Query Match 1.7%; Score 7; DB 2; Length 126;  
Best Local Similarity 100.0%; Pred. No. 1.1e+02;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 307 LAAGATL 313  
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Db 39 LAAGATL 45

Search completed: February 17, 2006, 06:38:55  
Job time : 22.4811 secs

GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioacceleration Ltd.

OM protein - protein search, using sw model

Run on: February 17, 2006, 06:56:30 ; Search time 101.169 Seconds  
(without alignments)  
1742.863 Million cell updates/sec

Title: US-09-724-254A-41\_COPY\_556\_977

Perfect score: 422  
Sequence: 1 SLFVTPVSRPILTLKVPRA.....KVASTPVSGSLFLASAPHR 422

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Gapop 60.0 , Gapext 60.0

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Word size : 0

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Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

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Published Applications\_AA\_Main\*  
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Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	422	100.0	977	4 US-10-040-862-10462	Sequence 10462, A
2	422	100.0	977	4 US-10-057-475B-10462	Sequence 10462, A
3	422	100.0	977	4 US-10-154-884B-10462	Sequence 10462, A
4	422	100.0	977	4 US-10-403-847-9	Sequence 9, Appl1
5	422	100.0	977	4 US-10-764-324-10462	Sequence 10462, A
6	233	55.2	977	4 US-10-241-220-97	Sequence 97, Appl1
7	233	55.2	977	5 US-10-872-921-97	Sequence 97, Appl1
8	233	55.2	977	5 US-10-872-921-97	Sequence 97, Appl1
9	233	55.2	977	5 US-10-872-921-97	Sequence 97, Appl1
10	191	45.3	759	4 US-10-983-340-35	Sequence 35, Appl1
11	191	45.3	759	4 US-10-040-862-10460	Sequence 10460, A
12	191	45.3	759	4 US-10-057-475B-10460	Sequence 10460, A
13	191	45.3	759	4 US-10-154-884B-10460	Sequence 10460, A
14	191	45.3	759	4 US-10-403-847-7	Sequence 7, Appl1
15	191	45.3	759	4 US-10-764-324-10460	Sequence 10460, A
16	191	45.3	759	4 US-10-403-847-4	Sequence 4, Appl1
17	191	45.3	759	4 US-10-403-847-139	Sequence 139, Appl1
18	191	45.3	759	4 US-10-403-847-146	Sequence 146, Appl1
19	191	45.3	759	4 US-10-403-847-72	Sequence 72, Appl1
20	191	45.3	759	4 US-10-403-847-73	Sequence 73, Appl1
21	191	45.3	759	4 US-10-403-847-145	Sequence 145, Appl1
22	191	45.3	759	4 US-10-403-847-145	Sequence 145, Appl1
23	191	45.3	759	4 US-10-403-847-145	Sequence 145, Appl1
24	191	45.3	759	4 US-10-403-847-145	Sequence 145, Appl1
25	191	45.3	759	4 US-10-403-847-145	Sequence 145, Appl1
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27	191	45.3	759	4 US-10-403-847-145	Sequence 145, Appl1

28	23	5.5	255	4 US-10-154-884B-9612	Sequence 9612, Ap
29	23	5.5	255	4 US-10-154-884B-11057	Sequence 11057, A
30	23	5.5	255	4 US-10-764-324-9612	Sequence 9612, Ap
31	23	5.5	255	4 US-10-040-862-9611	Sequence 9611, Ap
32	23	5.5	255	4 US-10-057-475B-9611	Sequence 9611, Ap
33	23	5.5	255	4 US-10-154-884B-9611	Sequence 9611, Ap
34	23	5.5	255	4 US-10-154-884B-11056	Sequence 11056, A
35	23	5.5	255	4 US-10-764-324-9611	Sequence 9611, Ap
36	23	5.5	255	4 US-10-154-884B-11051	Sequence 11051, A
37	23	5.5	255	4 US-10-154-884B-11044	Sequence 11044, A
38	23	5.5	255	4 US-10-154-884B-11047	Sequence 11047, A
39	23	5.5	255	4 US-10-154-884B-11052	Sequence 11052, A
40	23	5.5	255	4 US-10-154-884B-11043	Sequence 11043, A
41	23	5.5	255	4 US-10-154-884B-11043	Sequence 11043, A
42	23	5.5	255	4 US-10-154-884B-11048	Sequence 11048, A
43	23	5.5	255	4 US-10-154-884B-11048	Sequence 11048, A
44	23	5.5	255	4 US-10-508-374-4	Sequence 4, Appl1
45	23	5.5	255	4 US-10-040-862-10464	Sequence 10464, A

## ALIGNMENTS

RESULT 1  
US-10-040-862-10462  
; Sequence 10462, Application US/10040862  
; Publication No. US2003078396A1  
; GENERAL INFORMATION:  
; APPLICANT: Gaiger, Alexander  
; APPLICANT: Algate, Paul A.  
; APPLICANT: Mannion, Jane  
; APPLICANT: Retter, Marc  
; APPLICANT: Corixa Corporation  
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy  
; FILE REFERENCE: 014058-013520US  
; CURRENT APPLICATION NUMBER: US/10/040,862  
; CURRENT FILING DATE: 2001-11-06  
; PRIOR APPLICATION NUMBER: US 60/186,126  
; PRIOR FILING DATE: 2000-03-01  
; PRIOR APPLICATION NUMBER: US 60/190,479  
; PRIOR FILING DATE: 2000-03-17  
; PRIOR APPLICATION NUMBER: US 60/200,545  
; PRIOR FILING DATE: 2000-04-27  
; PRIOR APPLICATION NUMBER: US 60/200,303  
; PRIOR FILING DATE: 2000-04-28  
; PRIOR APPLICATION NUMBER: US 60/200,779  
; PRIOR FILING DATE: 2000-04-28  
; PRIOR APPLICATION NUMBER: US 60/200,999  
; PRIOR FILING DATE: 2000-05-01  
; PRIOR APPLICATION NUMBER: US 60/202,084  
; PRIOR FILING DATE: 2000-05-04  
; PRIOR APPLICATION NUMBER: US 60/206,201  
; PRIOR FILING DATE: 2000-05-22  
; PRIOR APPLICATION NUMBER: US 60/218,950  
; PRIOR FILING DATE: 2000-07-14  
; PRIOR APPLICATION NUMBER: US 60/222,903  
; PRIOR FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: US 60/223,416  
; PRIOR FILING DATE: 2000-08-04  
; PRIOR APPLICATION NUMBER: US 60/223,378  
; PRIOR FILING DATE: 2000-08-07  
; PRIOR APPLICATION NUMBER: US 09/796,692  
; PRIOR FILING DATE: 2001-03-01  
; NUMBER OF SEQ ID NOS: 10467  
; SOFTWARE: PaetSeq for Windows Version 3.0  
; SEQ ID NO 10462  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
Query Match 100.0%; Score 422; DB 4; Length 977;

Best Local Similarity 100.0%; Pred. No. 0;  
Matches 422; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFTVTVSRPILTLTRVPAQAVVGDLLBLHCEAPRGSPILYWFYHEDVTLGSSAPSG 60  
556 SLFTVTVSRPILTLTRVPAQAVVGDLLBLHCEAPRGSPILYWFYHEDVTLGSSAPSG 615

QY 61 GEASPNLSTLTAHSGNYSCANNGLVAQHSPTLSLTVPVSRPILTFRAPRAQAVVGD 120  
616 GEASPNLSTLTAHSGNYSCANNGLVAQHSPTLSLTVPVSRPILTFRAPRAQAVVGD 675

QY 121 LELHCEALRGSSPILYWFYHEDVTLGKISAPSGGASPNLSTLTHSGIYSCADNGLEA 180  
676 LELHCEALRGSSPILYWFYHEDVTLGKISAPSGGASPNLSTLTHSGIYSCADNGLEA 735

QY 181 ORSEWMTLKVAVPSRPVTLTRAPGTHAAVGDLLBLHCEALRGSPILYRFHEDVTLCN 240  
736 ORSEWMTLKVAVPSRPVTLTRAPGTHAAVGDLLBLHCEALRGSPILYRFHEDVTLCN 795

QY 241 RSSPSGGASLNLSTLTAHSGNYSCADNGLGAQORSETVTLYITGLTANSGPATGVAG 300  
796 RSSPSGGASLNLSTLTAHSGNYSCADNGLGAQORSETVTLYITGLTANSGPATGVAG 855

QY 301 LLSIAGLAAGALLLYCMLSRKARKPASPDPSPDSQSEPTYNHPAMEELQPYTNA 360  
856 LLSIAGLAAGALLLYCMLSRKARKPASPDPSPDSQSEPTYNHPAMEELQPYTNA 915

QY 361 NPGENVVYSEVRIIOEKKKHAAVADPRLRNKSPILYSEVYASTPVSGSLFLASSAP 420  
916 NPGENVVYSEVRIIOEKKKHAAVADPRLRNKSPILYSEVYASTPVSGSLFLASSAP 975

QY 421 HR 422  
976 HR 977

Db

RESULT 2  
US-10-057-475B-10462  
; Sequence 10462, Application US/10057475B  
; Publication No. US20040002068A1  
; GENERAL INFORMATION:  
; APPLICANT: Gaiger, Alexander  
; APPLICANT: Algate, Paul A.  
; APPLICANT: Mannion, Jane  
; APPLICANT: Clapper, Jonathan David  
; APPLICANT: Wang, Aijun  
; APPLICANT: Ordonez, Nadia  
; APPLICANT: Carter, Lauren  
; APPLICANT: McNeill, Patricia Dianne  
; APPLICANT: Corixa Corporation  
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy  
; FILE REFERENCE: 014058-014402US  
; CURRENT APPLICATION NUMBER: US/10/057, 475B  
; CURRENT FILING DATE: 2002-01-22  
; PRIOR APPLICATION NUMBER: US 60/186,126  
; PRIOR FILING DATE: 2000-03-01  
; PRIOR APPLICATION NUMBER: US 60/190,479  
; PRIOR FILING DATE: 2000-03-17  
; PRIOR APPLICATION NUMBER: US 60/200,545  
; PRIOR FILING DATE: 2000-04-27  
; PRIOR APPLICATION NUMBER: US 60/200,303  
; PRIOR FILING DATE: 2000-04-28  
; PRIOR APPLICATION NUMBER: US 60/200,779  
; PRIOR FILING DATE: 2000-04-28  
; PRIOR APPLICATION NUMBER: US 60/200,999  
; PRIOR FILING DATE: 2000-05-01  
; PRIOR APPLICATION NUMBER: US 60/202,084  
; PRIOR FILING DATE: 2000-05-04  
; PRIOR APPLICATION NUMBER: US 60/206,201  
; PRIOR FILING DATE: 2000-05-22  
; PRIOR APPLICATION NUMBER: US 60/218,950  
; PRIOR FILING DATE: 2000-07-14

PRIOR APPLICATION NUMBER: US 60/222,903  
; PRIOR FILING DATE: 2000-08-03  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 10979  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 10462  
; LENGTH: 977  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-057-475B-10462

Query Match 100.0%; Score 422; DB 4; Length 977;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 422; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFTVTVSRPILTLTRVPAQAVVGDLLBLHCEAPRGSPILYWFYHEDVTLGSSAPSG 60  
556 SLFTVTVSRPILTLTRVPAQAVVGDLLBLHCEAPRGSPILYWFYHEDVTLGSSAPSG 615

QY 61 GEASPNLSTLTAHSGNYSCANNGLVAQHSPTLSLTVPVSRPILTFRAPRAQAVVGD 120  
616 GEASPNLSTLTAHSGNYSCANNGLVAQHSPTLSLTVPVSRPILTFRAPRAQAVVGD 675

QY 121 LELHCEALRGSSPILYWFYHEDVTLGKISAPSGGASPNLSTLTHSGIYSCADNGLEA 180  
676 LELHCEALRGSSPILYWFYHEDVTLGKISAPSGGASPNLSTLTHSGIYSCADNGLEA 735

QY 181 ORSEWMTLKVAVPSRPVTLTRAPGTHAAVGDLLBLHCEALRGSPILYRFHEDVTLCN 240  
736 ORSEWMTLKVAVPSRPVTLTRAPGTHAAVGDLLBLHCEALRGSPILYRFHEDVTLCN 795

QY 241 RSSPSGGASLNLSTLTAHSGNYSCADNGLGAQORSETVTLYITGLTANSGPATGVAG 300  
796 RSSPSGGASLNLSTLTAHSGNYSCADNGLGAQORSETVTLYITGLTANSGPATGVAG 855

QY 301 LLSIAGLAAGALLLYCMLSRKARKPASPDPSPDSQSEPTYNHPAMEELQPYTNA 360  
856 LLSIAGLAAGALLLYCMLSRKARKPASPDPSPDSQSEPTYNHPAMEELQPYTNA 915

QY 361 NPGENVVYSEVRIIOEKKKHAAVADPRLRNKSPILYSEVYASTPVSGSLFLASSAP 420  
916 NPGENVVYSEVRIIOEKKKHAAVADPRLRNKSPILYSEVYASTPVSGSLFLASSAP 975

QY 421 HR 422  
976 HR 977

Db

RESULT 3  
US-10-154-884B-10462  
; Sequence 10462, Application US/10154884B  
; Publication No. US20040005561A1  
; GENERAL INFORMATION:  
; APPLICANT: Gaiger, Alexander  
; APPLICANT: Algate, Paul A.  
; APPLICANT: Mannion, Jane  
; APPLICANT: Reiter, Marc W.  
; APPLICANT: Corixa Corporation  
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy  
; FILE REFERENCE: 014058-013521US  
; CURRENT APPLICATION NUMBER: US/10/154, 884B  
; CURRENT FILING DATE: 2002-05-23  
; PRIOR APPLICATION NUMBER: US 60/186,126  
; PRIOR FILING DATE: 2000-03-01  
; PRIOR APPLICATION NUMBER: US 60/190,479  
; PRIOR FILING DATE: 2000-03-17  
; PRIOR APPLICATION NUMBER: US 60/200,545  
; PRIOR FILING DATE: 2000-04-27  
; PRIOR APPLICATION NUMBER: US 60/200,303  
; PRIOR FILING DATE: 2000-04-28  
; PRIOR APPLICATION NUMBER: US 60/200,779  
; PRIOR FILING DATE: 2000-04-28

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; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; Remaining Prior Application data removed - See File Wrapper or PAM.
; NUMBER OF SEQ ID NOS: 11290
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO: 10462
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-154-884B-10462

Query Match      100.0%; Score 422; DB 4; Length 977;
Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;
Matches 422; Conservative 0;

QY 1 SLFTVVSRRPILTLKVPRAQAVGDLLEHCEAPRGSPILYWFHEDVTLGSSAPSG 60
DB 556 SLFTVVSRRPILTLKVPRAQAVGDLLEHCEAPRGSPILYWFHEDVTLGSSAPSG 615
QY 61 GEAFNLSLTAHSGNYSCANNGLVAQHSPTISLVIYVSRPILTFRAPRAQAVGDL 120
DB 616 GEAFNLSLTAHSGNYSCANNGLVAQHSPTISLVIYVSRPILTFRAPRAQAVGDL 675
QY 121 LEHCEALRGSSPILYWFHEDVTLGKISAPSGGASFNLSLTHSGIYSCADNGLEA 180
DB 676 LEHCEALRGSSPILYWFHEDVTLGKISAPSGGASFNLSLTHSGIYSCADNGLEA 735
QY 181 QRSEMTLKYAVVSRPVLTLRAPGTHAAVGDLEHCEALRGSPILYWFHEDVTLG 240
DB 736 QRSEMTLKYAVVSRPVLTLRAPGTHAAVGDLEHCEALRGSPILYWFHEDVTLG 795
QY 241 RSSPGGASNLSTLTAHSGNYSCADNGLGAQRSEVTLYTGLTANSGPATGAVAG 300
DB 796 RSSPGGASNLSTLTAHSGNYSCADNGLGAQRSEVTLYTGLTANSGPATGAVAG 855
QY 301 LLSIAGLAAGALLCYCMLSRKGRKPADPARSPDSOSOEPTVHNPAMEBLQPYTNA 360
DB 856 LLSIAGLAAGALLCYCMLSRKGRKPADPARSPDSOSOEPTVHNPAMEBLQPYTNA 915
QY 361 NPGENVVYSVRILIOEKKGAAVADPRLRNKGSPIIYSEVKAASPVSGLFLASSAP 420
DB 916 NPGENVVYSVRILIOEKKGAAVADPRLRNKGSPIIYSEVKAASPVSGLFLASSAP 975
QY 421 HR 422
DB 976 HR 977

RESULT 4
US-10-403-847-9
; Sequence 9, Application US/10403847
; Publication No. US2004003098A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POTENTIAL PROTEIN ENCODING NOVEL TWO SPLICER VARIANTS OF A HUMAN
; TITLE OF INVENTION: CELL SURFACE PROTEIN WITH IMMUNOLOGICAL FOLDS, BGSSG AND BGSS1
; FILE REFERENCE: D0228 NP
; CURRENT FILING DATE: 2003-03-28 US/10/403,847
; PRIOR FILING DATE: 2003-03-28 US 60/368,671
; PRIOR APPLICATION NUMBER: U.S. 60/371,420
; PRIOR FILING DATE: 2002-04-10
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: PatentIn version 3.2

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; SEQ ID NO 9
; LENGTH: 977
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-403-847-9

Query Match      100.0%; Score 422; DB 4; Length 977;
Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;
Matches 422; Conservative 0;

QY 1 SLFTVVSRRPILTLKVPRAQAVGDLLEHCEAPRGSPILYWFHEDVTLGSSAPSG 60
DB 556 SLFTVVSRRPILTLKVPRAQAVGDLLEHCEAPRGSPILYWFHEDVTLGSSAPSG 615
QY 61 GEAFNLSLTAHSGNYSCANNGLVAQHSPTISLVIYVSRPILTFRAPRAQAVGDL 120
DB 616 GEAFNLSLTAHSGNYSCANNGLVAQHSPTISLVIYVSRPILTFRAPRAQAVGDL 675
QY 121 LEHCEALRGSSPILYWFHEDVTLGKISAPSGGASFNLSLTHSGIYSCADNGLEA 180
DB 676 LEHCEALRGSSPILYWFHEDVTLGKISAPSGGASFNLSLTHSGIYSCADNGLEA 735
QY 181 QRSEMTLKYAVVSRPVLTLRAPGTHAAVGDLEHCEALRGSPILYWFHEDVTLG 240
DB 736 QRSEMTLKYAVVSRPVLTLRAPGTHAAVGDLEHCEALRGSPILYWFHEDVTLG 795
QY 241 RSSPGGASNLSTLTAHSGNYSCADNGLGAQRSEVTLYTGLTANSGPATGAVAG 300
DB 796 RSSPGGASNLSTLTAHSGNYSCADNGLGAQRSEVTLYTGLTANSGPATGAVAG 855
QY 301 LLSIAGLAAGALLCYCMLSRKGRKPADPARSPDSOSOEPTVHNPAMEBLQPYTNA 360
DB 856 LLSIAGLAAGALLCYCMLSRKGRKPADPARSPDSOSOEPTVHNPAMEBLQPYTNA 915
QY 361 NPGENVVYSVRILIOEKKGAAVADPRLRNKGSPIIYSEVKAASPVSGLFLASSAP 420
DB 916 NPGENVVYSVRILIOEKKGAAVADPRLRNKGSPIIYSEVKAASPVSGLFLASSAP 975
QY 421 HR 422
DB 976 HR 977

RESULT 5
US-10-764-324-10462
; Sequence 10462, Application US/10764324
; Publication No. US2004017579A1
; GENERAL INFORMATION:
; APPLICANT: Galger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; TITLE OF INVENTION: Hematological Malignancies
; FILE REFERENCE: 014058-013520US
; CURRENT FILING DATE: 2004-01-23
; PRIOR FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: US/10/040,862
; PRIOR FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084

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;; PRIOR FILING DATE: 2000-05-04  
;; PRIOR APPLICATION NUMBER: US 60/206,201  
;; PRIOR FILING DATE: 2000-05-22  
;; PRIOR APPLICATION NUMBER: US 60/218,950  
;; PRIOR FILING DATE: 2000-07-14  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 10467  
;; SOFTWARE: FastSeq for Windows Version 3.0  
;; SEQ ID NO: 10462  
;; LENGTH: 977  
;; TYPE: PRT  
;; ORGANISM: Homo sapiens  
US-10-764-324-10462

Query Match 100.0%; Score 422; DB 4; Length 977;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 422; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFTVPVSRPILTLRVPRAQAVVGDLELHCEAPRSPILYWFYHEDVTLGSSAPSG 60  
DB 556 SLFTVPVSRPILTLRVPRAQAVVGDLELHCEAPRSPILYWFYHEDVTLGSSAPSG 615  
QY 61 GEASFNLSLTAHSGNYSCANNGLVAQHSDDTISLVIYVSRPILTFRAPRAQAVVGD 120  
DB 616 GEASFNLSLTAHSGNYSCANNGLVAQHSDDTISLVIYVSRPILTFRAPRAQAVVGD 675  
QY 121 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTTESGIYSCDANGLEA 180  
DB 676 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTTESGIYSCDANGLEA 735  
QY 181 QRESEMTLKVAVPVSRPILTRAPGTHAAVGDLELHCEALRGSPILYWFYHEDVTLG 240  
DB 736 QRESEMTLKVAVPVSRPILTRAPGTHAAVGDLELHCEALRGSPILYWFYHEDVTLG 795  
QY 241 RSSPSGASINLSLTAHSGNYSCDANGGAGQSEVTLYITGLTANRSGPFATGAGG 300  
DB 796 RSSPSGASINLSLTAHSGNYSCDANGGAGQSEVTLYITGLTANRSGPFATGAGG 855  
QY 301 LLSIAGLAAGALLCYCWLRSKGRKPADSPASPSDSQEPYHANTPAMELOPVYTTA 360  
DB 856 LLSIAGLAAGALLCYCWLRSKGRKPADSPASPSDSQEPYHANTPAMELOPVYTTA 915  
QY 361 NPGENVYSEVRILQKKKHAVASDPRHLNKGSPITTYEVKASTPVSGSLFLASAP 420  
DB 916 NPGENVYSEVRILQKKKHAVASDPRHLNKGSPITTYEVKASTPVSGSLFLASAP 975  
QY 421 HR 422  
DB 976 HR 977

## RESULT 6

US-10-241-220-97  
;; Sequence 97, Application US/10241220  
;; Publication No. US20030148408A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Frantz, Gretchen  
;; APPLICANT: Hillan, Kenneth J.  
;; APPLICANT: Phillips, Heidi  
;; APPLICANT: Polakis, Paul  
;; APPLICANT: Spencer, Susan  
;; APPLICANT: Williams, P. Mickey  
;; APPLICANT: Wu, Thomas  
;; APPLICANT: Zhang, Zemin  
;; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND  
;; TITLE OF INVENTION: TREATMENT OF TUMOR  
;; FILE REFERENCE: P5010R1-US  
;; CURRENT APPLICATION NUMBER: US/10/241,220  
;; CURRENT FILING DATE: 2002-12-13  
;; NUMBER OF SEQ ID NOS: 120  
;; SEQ ID NO 97  
;; LENGTH: 977  
;; TYPE: PRT

;; ORGANISM: Homo Sapien  
US-10-241-220-97

Query Match 55.2%; Score 233; DB 4; Length 977;  
Best Local Similarity 99.7%; Pred. No. 1,9e-208;  
Matches 333; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 SLFTVPVSRPILTLRVPRAQAVVGDLELHCEAPRSPILYWFYHEDVTLGSSAPSG 60  
DB 556 SLFTVPVSRPILTLRVPRAQAVVGDLELHCEAPRSPILYWFYHEDVTLGSSAPSG 615  
QY 61 GEASFNLSLTAHSGNYSCANNGLVAQHSDDTISLVIYVSRPILTFRAPRAQAVVGD 120  
DB 616 GEASFNLSLTAHSGNYSCANNGLVAQHSDDTISLVIYVSRPILTFRAPRAQAVVGD 675  
QY 121 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTTESGIYSCDANGLEA 180  
DB 676 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTTESGIYSCDANGLEA 735  
QY 181 QRESEMTLKVAVPVSRPILTRAPGTHAAVGDLELHCEALRGSPILYWFYHEDVTLG 240  
DB 736 QRESEMTLKVAVPVSRPILTRAPGTHAAVGDLELHCEALRGSPILYWFYHEDVTLG 795  
QY 241 RSSPSGASINLSLTAHSGNYSCDANGGAGQSEVTLYITGLTANRSGPFATGAGG 300  
DB 796 RSSPSGASINLSLTAHSGNYSCDANGGAGQSEVTLYITGLTANRSGPFATGAGG 855  
QY 301 LLSIAGLAAGALLCYCWLRSKGRKPADSPASP 334  
DB 856 LLSIAGLAAGALLCYCWLRSKGRKPADSPASP 889

## RESULT 7

US-10-872-972-97  
;; Sequence 97, Application US/10872972  
;; Publication No. US20040229277A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Frantz, Gretchen  
;; APPLICANT: Hillan, Kenneth J.  
;; APPLICANT: Phillips, Heidi  
;; APPLICANT: Polakis, Paul  
;; APPLICANT: Spencer, Susan  
;; APPLICANT: Williams, P. Mickey  
;; APPLICANT: Wu, Thomas  
;; APPLICANT: Zhang, Zemin  
;; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND  
;; TITLE OF INVENTION: TREATMENT OF TUMOR  
;; FILE REFERENCE: P5010R1-US  
;; CURRENT APPLICATION NUMBER: US/10/872,972  
;; CURRENT FILING DATE: 2004-06-21  
;; PRIOR APPLICATION NUMBER: US/10/241,220  
;; PRIOR FILING DATE: 2002-09-11  
;; NUMBER OF SEQ ID NOS: 120  
;; SEQ ID NO 97  
;; LENGTH: 977  
;; TYPE: PRT  
;; ORGANISM: Homo Sapien  
US-10-872-972-97

Query Match 55.2%; Score 233; DB 5; Length 977;  
Best Local Similarity 99.7%; Pred. No. 1,9e-208;  
Matches 333; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 SLFTVPVSRPILTLRVPRAQAVVGDLELHCEAPRSPILYWFYHEDVTLGSSAPSG 60  
DB 556 SLFTVPVSRPILTLRVPRAQAVVGDLELHCEAPRSPILYWFYHEDVTLGSSAPSG 615  
QY 61 GEASFNLSLTAHSGNYSCANNGLVAQHSDDTISLVIYVSRPILTFRAPRAQAVVGD 120  
DB 616 GEASFNLSLTAHSGNYSCANNGLVAQHSDDTISLVIYVSRPILTFRAPRAQAVVGD 675  
QY 121 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTTESGIYSCDANGLEA 180

Db 676 LEHCEALRGSSPILYWFHEDVTLGKISAPSGGASFNLSLTHSGIYSCDANGPEA 735  
 Qy 181 ORSEMTLTKAVVPSPVTLTAPGTHAAVGDLEHCEALRGSPILYWFHEDVTLCN 240  
 Db 736 ORSEMTLTKAVVPSPVTLTAPGTHAAVGDLEHCEALRGSPILYWFHEDVTLCN 795  
 Qy 241 RSPSGGASINLSLTHSGIYSCDANGLGAKORSEVTLYITGLTANRSGPATVAGG 300  
 Db 796 RSPSGGASINLSLTHSGIYSCDANGLGAKORSEVTLYITGLTANRSGPATVAGG 855  
 Qy 301 LISTAGLAAGALLIYCMISRKAKRKPASDPARSP 334  
 Db 856 LISTAGLAAGALLIYCMISRKAKRKPASDPARSP 889

RESULT 8  
 US-10-872-991-97  
 ; Sequence 97, Application US/10872991  
 ; Publication No. US20040242860A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Frantz, Gretchen  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Phillips, Heidi  
 ; APPLICANT: Polakis, Paul  
 ; APPLICANT: Spencer, Susan  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wu, Thomas  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND  
 ; TITLE OF INVENTION: TREATMENT OF TUMOR  
 ; FILE REFERENCE: P5010R1-US  
 ; CURRENT APPLICATION NUMBER: US/10/872, 991  
 ; CURRENT FILING DATE: 2004-06-21  
 ; PRIOR APPLICATION NUMBER: US/10/241, 220  
 ; PRIOR FILING DATE: 2002-09-11  
 ; NUMBER OF SEQ ID NOS: 120  
 ; SEQ ID NO: 97  
 ; LENGTH: 977  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapien  
 ; US-10-872-991-97

Query Match 55.2%; Score 233; DB 5; Length 977;  
 Best Local Similarity 99.7%; Pred. No. 1.9e-208; Indels 0; Gaps 0;  
 Matches 333; Conservative 0; Mismatches 1;  
 Qy 1 SLPTVPVSRPILTLVPRQAQAVGDLEHCEALRGSPILYWFHEDVTLCSSAPSG 60  
 Db 556 SLPTVPVSRPILTLVPRQAQAVGDLEHCEALRGSPILYWFHEDVTLCSSAPSG 615  
 Qy 61 GEASFNLSLTHSGIYSCDANGLVAKHSDTISLSVIVPVSRIITFRAPRAQAVGDL 120  
 Db 616 GEASFNLSLTHSGIYSCDANGLVAKHSDTISLSVIVPVSRIITFRAPRAQAVGDL 675  
 Qy 121 LEHCEALRGSSPILYWFHEDVTLGKISAPSGGASFNLSLTHSGIYSCDANGLEA 180  
 Db 676 LEHCEALRGSSPILYWFHEDVTLGKISAPSGGASFNLSLTHSGIYSCDANGLEA 735  
 Qy 181 ORSEMTLTKAVVPSPVTLTAPGTHAAVGDLEHCEALRGSPILYWFHEDVTLCN 240  
 Db 736 ORSEMTLTKAVVPSPVTLTAPGTHAAVGDLEHCEALRGSPILYWFHEDVTLCN 795  
 Qy 241 RSPSGGASINLSLTHSGIYSCDANGLGAKORSEVTLYITGLTANRSGPATVAGG 300  
 Db 796 RSPSGGASINLSLTHSGIYSCDANGLGAKORSEVTLYITGLTANRSGPATVAGG 855  
 Qy 301 LISTAGLAAGALLIYCMISRKAKRKPASDPARSP 334  
 Db 856 LISTAGLAAGALLIYCMISRKAKRKPASDPARSP 889

; Sequence 35, Application US/10983340  
 ; Publication No. US20050238649A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Dornona, Svetlana O.  
 ; APPLICANT: Toki, Brian B.  
 ; APPLICANT: Senter, Peter D.  
 ; APPLICANT: Ebens, Allen J.  
 ; APPLICANT: Polakis, Paul  
 ; APPLICANT: Sliwowski, Mark X.  
 ; APPLICANT: Spencer, Susan D.  
 ; APPLICANT: Kline, Toni Beth  
 ; TITLE OF INVENTION: MONOMETHYLAINE COMPOUNDS CAPABLE OF CONJUGATION TO LIGANDS  
 ; FILE REFERENCE: 018691-001020US  
 ; CURRENT APPLICATION NUMBER: US/10/983,340  
 ; CURRENT FILING DATE: 2004-11-05  
 ; PRIOR APPLICATION NUMBER: US 60/598, 899  
 ; PRIOR FILING DATE: 2004-08-04  
 ; PRIOR APPLICATION NUMBER: US 60/557, 116  
 ; PRIOR FILING DATE: 2004-03-26  
 ; PRIOR APPLICATION NUMBER: US 60/518, 534  
 ; PRIOR FILING DATE: 2003-11-06  
 ; NUMBER OF SEQ ID NOS: 35  
 ; SEQ ID NO: 35  
 ; LENGTH: 977  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapien  
 ; US-10-983-340-35

Query Match 55.2%; Score 233; DB 5; Length 977;  
 Best Local Similarity 99.7%; Pred. No. 1.9e-208; Indels 0; Gaps 0;  
 Matches 333; Conservative 0; Mismatches 1;  
 Qy 1 SLPTVPVSRPILTLVPRQAQAVGDLEHCEALRGSPILYWFHEDVTLCSSAPSG 60  
 Db 556 SLPTVPVSRPILTLVPRQAQAVGDLEHCEALRGSPILYWFHEDVTLCSSAPSG 615  
 Qy 61 GEASFNLSLTHSGIYSCDANGLVAKHSDTISLSVIVPVSRIITFRAPRAQAVGDL 120  
 Db 616 GEASFNLSLTHSGIYSCDANGLVAKHSDTISLSVIVPVSRIITFRAPRAQAVGDL 675  
 Qy 121 LEHCEALRGSSPILYWFHEDVTLGKISAPSGGASFNLSLTHSGIYSCDANGLEA 180  
 Db 676 LEHCEALRGSSPILYWFHEDVTLGKISAPSGGASFNLSLTHSGIYSCDANGLEA 735  
 Qy 181 ORSEMTLTKAVVPSPVTLTAPGTHAAVGDLEHCEALRGSPILYWFHEDVTLCN 240  
 Db 736 ORSEMTLTKAVVPSPVTLTAPGTHAAVGDLEHCEALRGSPILYWFHEDVTLCN 795  
 Qy 241 RSPSGGASINLSLTHSGIYSCDANGLGAKORSEVTLYITGLTANRSGPATVAGG 300  
 Db 796 RSPSGGASINLSLTHSGIYSCDANGLGAKORSEVTLYITGLTANRSGPATVAGG 855  
 Qy 301 LISTAGLAAGALLIYCMISRKAKRKPASDPARSP 334  
 Db 856 LISTAGLAAGALLIYCMISRKAKRKPASDPARSP 889

RESULT 10  
 US-10-040-862-10460  
 ; Sequence 10460, Application US/10040862  
 ; Publication No. US20030078396A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gaiger, Alexander  
 ; APPLICANT: Aigete, Paul A.  
 ; APPLICANT: Mannion, Jane  
 ; APPLICANT: Retter, Marc  
 ; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy  
 ; TITLE OF INVENTION: Hematological Malignancies  
 ; FILE REFERENCE: 014058-013520US  
 ; CURRENT APPLICATION NUMBER: US/10/040, 862  
 ; CURRENT FILING DATE: 2001-11-06  
 ; PRIOR APPLICATION NUMBER: US 60/186, 126

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; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: US 60/223,416
; PRIOR FILING DATE: 2000-08-04
; PRIOR APPLICATION NUMBER: US 60/223,378
; PRIOR FILING DATE: 2000-08-07
; PRIOR APPLICATION NUMBER: US 09/796,692
; PRIOR FILING DATE: 2001-03-01
; NUMBER OF SEQ ID NOS: 10467
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10460
; LENGTH: 759
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-040-862-10460
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Query Match      45.3%; Score 191; DB 4; Length 759;
Best Local Similarity 100.0%; Pred. No. 2.7e-169;
Matches 191; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 SLFTVTVSRPILTLRVPRAQAVVGDLLHLHCEAPRSGSPILYWFYHEDVTLCSSAPSG 60
DB 556 SLFTVTVSRPILTLRVPRAQAVVGDLLHLHCEAPRSGSPILYWFYHEDVTLCSSAPSG 615
QY 61 GEASFNLSTLAEHSGNYSCENANGLVQHSDDTSLSVIVPSRPILTFRAPRAQAVVGD 120
DB 616 GEASFNLSTLAEHSGNYSCENANGLVQHSDDTSLSVIVPSRPILTFRAPRAQAVVGD 675
QY 121 LEHCEALNGSSPILYWFYHEDVTLCISAPSGGASFNLSLTTHSGIYSCDADNGLEA 180
DB 676 LEHCEALNGSSPILYWFYHEDVTLCISAPSGGASFNLSLTTHSGIYSCDADNGLEA 735
QY 181 QRESEMTLKVA 191
DB 736 QRESEMTLKVA 746
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## RESULT 11

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US-10-057-475B-10460
; Sequence 10460, Application US/10057475B
; Publication No. US20040002068A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Clapper, Jonathan David
; APPLICANT: Wang, Aljun
; APPLICANT: Ordenez, Nadia
; APPLICANT: Carter, Lauren
; APPLICANT: McNeill, Patricia Dianne
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; TITLE OF INVENTION: Hematological Malignancies
; FILE REFERENCE: 014058-014402US
; CURRENT APPLICATION NUMBER: US/10/057,475B
; CURRENT FILING DATE: 2002-01-22
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; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 10979
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10460
; LENGTH: 759
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-475B-10460
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Query Match      45.3%; Score 191; DB 4; Length 759;
Best Local Similarity 100.0%; Pred. No. 2.7e-169;
Matches 191; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 SLFTVTVSRPILTLRVPRAQAVVGDLLHLHCEAPRSGSPILYWFYHEDVTLCSSAPSG 60
DB 556 SLFTVTVSRPILTLRVPRAQAVVGDLLHLHCEAPRSGSPILYWFYHEDVTLCSSAPSG 615
QY 61 GEASFNLSTLAEHSGNYSCENANGLVQHSDDTSLSVIVPSRPILTFRAPRAQAVVGD 120
DB 616 GEASFNLSTLAEHSGNYSCENANGLVQHSDDTSLSVIVPSRPILTFRAPRAQAVVGD 675
QY 121 LEHCEALNGSSPILYWFYHEDVTLCISAPSGGASFNLSLTTHSGIYSCDADNGLEA 180
DB 676 LEHCEALNGSSPILYWFYHEDVTLCISAPSGGASFNLSLTTHSGIYSCDADNGLEA 735
QY 181 QRESEMTLKVA 191
DB 736 QRESEMTLKVA 746
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## RESULT 12

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US-10-154-884B-10460
; Sequence 10460, Application US/10154884B
; Publication No. US20040005561A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc W.
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; TITLE OF INVENTION: Hematological Malignancies
; FILE REFERENCE: 014058-013521US
; CURRENT APPLICATION NUMBER: US/10/154,884B
; CURRENT FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
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PRIOR APPLICATION NUMBER: US 60/200,779  
PRIOR FILING DATE: 2000-04-28  
PRIOR APPLICATION NUMBER: US 60/200,999  
PRIOR FILING DATE: 2000-05-01  
PRIOR APPLICATION NUMBER: US 60/202,084  
PRIOR FILING DATE: 2000-05-04  
PRIOR APPLICATION NUMBER: US 60/206,201  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: US 60/218,950  
PRIOR FILING DATE: 2000-07-14  
PRIOR APPLICATION NUMBER: US 60/222,903  
PRIOR FILING DATE: 2000-08-03  
Remaining Prior Application data removed - See file wrapper or PALM.  
NUMBER OF SEQ ID NOS: 11290  
SOFTWARE: FASTSEQ for Windows Version 3.0  
SEQ ID NO 10460  
LENGTH: 759  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-154-884B-10460

Query Match 45.3%; Score 191; DB 4; Length 759;  
Best Local Similarity 100.0%; Pred. No. 2.7e-169; Indels 0; Gaps 0;  
Matches 191; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFTVPSRPILTLRVPRAQAVVGDLELHCEAPRGSPILTYFHYEDVTLGSSAPSG 60  
DB 556 SLFTVPSRPILTLRVPRAQAVVGDLELHCEAPRGSPILTYFHYEDVTLGSSAPSG 615  
QY 61 GEASPNISLTAHSGNYSCEANNGVAOHSPTISLTVPSRPILTFRAPRAQAVVGD 120  
DB 616 GEASPNISLTAHSGNYSCEANNGVAOHSPTISLTVPSRPILTFRAPRAQAVVGD 675  
QY 121 LEHCEALRGSSPILTYFHYEDVTLGKISAPSGGASFNLSLTTHSGIYSCADNGLEA 180  
DB 676 LEHCEALRGSSPILTYFHYEDVTLGKISAPSGGASFNLSLTTHSGIYSCADNGLEA 735  
QY 181 ORSEMYTLKVA 191  
DB 736 ORSEMYTLKVA 746

RESULT 13  
US-10-403-847-7  
Sequence 7, Application US/10403847  
Publication No. US20040030098A1  
GENERAL INFORMATION:  
APPLICANT: Bristol-Myers Squibb Company  
TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL TWO SPLICED VARIANTS OF A HUMAN  
FILE REFERENCE: D0228 NP  
CURRENT FILING DATE: US/10/403,847  
PRIOR FILING DATE: 2003-03-28  
PRIOR APPLICATION NUMBER: U.S. 60/368,671  
PRIOR FILING DATE: 2002-03-29  
PRIOR APPLICATION NUMBER: U.S. 60/371,420  
PRIOR FILING DATE: 2002-04-10  
NUMBER OF SEQ ID NOS: 156  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 7  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-403-847-7

Query Match 45.3%; Score 191; DB 4; Length 759;  
Best Local Similarity 100.0%; Pred. No. 2.7e-169; Indels 0; Gaps 0;  
Matches 191; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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DB 556 SLFTVPSRPILTLRVPRAQAVVGDLELHCEAPRGSPILTYFHYEDVTLGSSAPSG 615

QY 61 GEASPNISLTAHSGNYSCEANNGVAOHSPTISLTVPSRPILTFRAPRAQAVVGD 120  
DB 616 GEASPNISLTAHSGNYSCEANNGVAOHSPTISLTVPSRPILTFRAPRAQAVVGD 675  
QY 121 LEHCEALRGSSPILTYFHYEDVTLGKISAPSGGASFNLSLTTHSGIYSCADNGLEA 180  
DB 676 LEHCEALRGSSPILTYFHYEDVTLGKISAPSGGASFNLSLTTHSGIYSCADNGLEA 735  
QY 181 ORSEMYTLKVA 191  
DB 736 ORSEMYTLKVA 746

RESULT 14  
US-10-764-324-10460  
Sequence 10460, Application US/10764324  
Publication No. US2004015739A1  
GENERAL INFORMATION:  
APPLICANT: Gaiger, Alexander  
APPLICANT: Algate, Paul A.  
APPLICANT: Mannion, Jane  
APPLICANT: Retter, Marc  
APPLICANT: Corixa Corporation  
TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy  
FILE REFERENCE: 014058-013520US  
CURRENT FILING DATE: US/10/764,324  
PRIOR FILING DATE: 2004-01-23  
PRIOR APPLICATION NUMBER: US/10/040,862  
PRIOR FILING DATE: 2001-11-06  
PRIOR APPLICATION NUMBER: US 60/186,126  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: US 60/190,479  
PRIOR FILING DATE: 2000-03-17  
PRIOR APPLICATION NUMBER: US 60/200,545  
PRIOR FILING DATE: 2000-04-27  
PRIOR APPLICATION NUMBER: US 60/200,303  
PRIOR FILING DATE: 2000-04-28  
PRIOR APPLICATION NUMBER: US 60/200,779  
PRIOR FILING DATE: 2000-04-28  
PRIOR APPLICATION NUMBER: US 60/200,999  
PRIOR FILING DATE: 2000-05-01  
PRIOR APPLICATION NUMBER: US 60/202,084  
PRIOR FILING DATE: 2000-05-04  
PRIOR APPLICATION NUMBER: US 60/206,201  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: US 60/218,950  
PRIOR FILING DATE: 2000-07-14  
Remaining Prior Application data removed - See file wrapper or PALM.  
NUMBER OF SEQ ID NOS: 10467  
SOFTWARE: FASTSEQ for Windows Version 3.0  
SEQ ID NO 10460  
LENGTH: 759  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-764-324-10460

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Best Local Similarity 100.0%; Pred. No. 2.7e-169; Indels 0; Gaps 0;  
Matches 191; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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DB 556 SLFTVPSRPILTLRVPRAQAVVGDLELHCEAPRGSPILTYFHYEDVTLGSSAPSG 615  
QY 61 GEASPNISLTAHSGNYSCEANNGVAOHSPTISLTVPSRPILTFRAPRAQAVVGD 120  
DB 616 GEASPNISLTAHSGNYSCEANNGVAOHSPTISLTVPSRPILTFRAPRAQAVVGD 675  
QY 121 LEHCEALRGSSPILTYFHYEDVTLGKISAPSGGASFNLSLTTHSGIYSCADNGLEA 180  
DB 676 LEHCEALRGSSPILTYFHYEDVTLGKISAPSGGASFNLSLTTHSGIYSCADNGLEA 735

QY 181 QRSEMTLKVA 191  
|||  
Db 736 QRSEMTLKVA 746

## RESULT 15

US-10-403-847-4  
; Sequence 4, Application US/10403847  
; Publication No. US2004030098A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL TWO SPLICER VARIANTS OF A HUMAN  
; FILE REFERENCE: D0228 NP  
; CURRENT APPLICATION NUMBER: US/10/403,847  
; CURRENT FILING DATE: 2003-03-28  
; PRIOR APPLICATION NUMBER: U.S. 60/368,671  
; PRIOR FILING DATE: 2002-03-29  
; PRIOR APPLICATION NUMBER: U.S. 60/371,420  
; PRIOR FILING DATE: 2002-04-10  
; NUMBER OF SEQ ID NOS: 156  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 4  
; LENGTH: 790  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-403-847-4

Query Match 45.3%; Score 191; DB 4; Length 790;

Best Local Similarity 100.0%; Pred. No. 2.8e-169; Mismatches 0; Indels 0; Gaps 0;

Matches 191; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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|||  
Db 587 SLFVTVPSRRPILTLRVPRQAQVVGDLLELHCEAPRGSPILYWFYHEDVTLGSSAPSG 646  
|||  
QY 61 GEASFNISLTAHSGNNSCEANGLVAQHSDTISLSIVPSRPILTFRAPRAQAVGDL 120  
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Db 647 GEASFNISLTAHSGNNSCEANGLVAQHSDTISLSIVPSRPILTFRAPRAQAVGDL 706  
|||  
QY 121 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTTGHSGLYSCDANGLEA 180  
|||  
Db 707 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTTGHSGLYSCDANGLEA 766  
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QY 181 QRSEMTLKVA 191  
|||  
Db 767 QRSEMTLKVA 777

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Job time : 102.169 secs

GenCore version 5.1.7  
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OM protein - protein search, using sw model

Run on: February 17, 2006, 06:57:25 ; Search time 9.00821 Seconds  
(without alignments)  
665.901 Million cell updates/sec

Title: US-09-724-254A-41\_COPY\_556\_977  
Perfect score: 422  
Sequence: 1 SLFVTPVPSRPILTLKVPRA.....KVASTPVSGSLFLASSAPHR 422

Scoring table: OLIGO  
Gapop 60.0 , Gapext 60.0

Searched: 107819 seqs, 14214640 residues

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Total number of hits satisfying chosen parameters: 107819

Minimum DB seq length: 0  
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Post-processing: Listing first 45 summaries

Database : Published Applications AA New:  
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2: /cgm2\_6/prodata/1/pubppa/US06\_NEM\_PUB pep: \*  
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	233	55.2	977	US-11-093-274-39	Sequence 39, Appl
2	23	5.5	192	US-10-514-534-9	Sequence 8, Appl
3	23	5.5	255	US-10-514-534-8	Sequence 8, Appl
4	23	5.5	341	US-10-514-534-6	Sequence 6, Appl
5	23	5.5	508	US-10-514-534-7	Sequence 7, Appl
6	23	5.5	508	US-11-093-274-41	Sequence 41, Appl
7	17	4.0	734	US-11-093-274-40	Sequence 40, Appl
8	15	3.6	429	US-11-093-274-37	Sequence 37, Appl
9	9	2.1	555	US-10-821-234-1015	Sequence 1015, Ap
10	7	1.7	7	US-11-064-785-18	Sequence 18, Appl
11	7	1.7	125	US-10-986-501-198	Sequence 198, Appl
12	7	1.7	130	US-11-072-512-2940	Sequence 2940, Ap
13	7	1.7	163	US-10-131-826A-504	Sequence 504, Appl
14	7	1.7	202	US-10-467-657-16	Sequence 16, Appl
15	7	1.7	429	US-10-467-657-5648	Sequence 5648, Ap
16	7	1.7	202	US-11-205-109-32	Sequence 32, Appl
17	7	1.7	457	US-10-986-501-110	Sequence 110, Appl
18	7	1.7	482	US-11-072-512-3794	Sequence 3794, Ap
19	7	1.7	485	US-10-724-598-43	Sequence 43, Appl
20	7	1.7	502	US-10-467-657-7332	Sequence 7332, Ap
21	7	1.7	519	US-10-131-826A-210	Sequence 210, Appl
22	7	1.7	963	US-11-183-136-16	Sequence 16, Appl
23	7	1.7	1190	US-11-043-889-20	Sequence 20, Appl
24	7	1.7	1198	US-10-453-372-880	Sequence 880, Appl
25	7	1.7	1398	US-10-055-877-46	Sequence 46, Appl

25	7	1.7	1398	6	US-10-453-372-872	Sequence 872, Appl
27	7	1.7	1403	6	US-10-055-877-52	Sequence 52, Appl
28	7	1.7	1403	6	US-10-453-372-878	Sequence 878, Appl
29	7	1.7	1404	6	US-10-055-877-44	Sequence 44, Appl
30	7	1.7	1404	6	US-10-453-372-870	Sequence 870, Appl
31	7	1.7	1418	6	US-10-453-372-864	Sequence 864, Appl
32	7	1.7	1450	6	US-10-055-877-48	Sequence 48, Appl
33	7	1.7	1450	6	US-10-453-372-874	Sequence 874, Appl
34	7	1.7	1547	6	US-10-453-372-886	Sequence 886, Appl
35	7	1.7	1577	6	US-10-055-877-54	Sequence 54, Appl
36	7	1.7	1577	6	US-10-453-372-882	Sequence 882, Appl
37	7	1.7	1577	6	US-10-453-372-884	Sequence 884, Appl
38	7	1.7	1584	6	US-10-453-372-860	Sequence 860, Appl
39	7	1.7	1620	6	US-10-453-372-868	Sequence 868, Appl
40	7	1.7	1653	6	US-10-453-372-866	Sequence 866, Appl
41	7	1.7	2804	7	US-11-120-925-3	Sequence 3, Appl
42	6	1.4	9	6	US-10-491-096-117	Sequence 117, Appl
43	6	1.4	10	6	US-10-491-096-181	Sequence 181, Appl
44	6	1.4	10	6	US-10-491-096-118	Sequence 118, Appl
45	6	1.4	10	6	US-10-491-096-182	Sequence 182, Appl

ALIGNMENTS

RESULT 1  
US-11-093-274-39  
Sequence 39, Application US/11093274  
Publication No. US20050266008A1  
GENERAL INFORMATION:  
APPLICANT: Graziano, Robert  
APPLICANT: Cardarelli, Josephine M.  
APPLICANT: Kempe, Thomas  
APPLICANT: Cuijter, Beth  
APPLICANT: Srinivasan, Mohan  
TITLE OF INVENTION: IRTA-5 ANTIBODIES AND THEIR USES  
FILE REFERENCE: 04280/1201101-US1  
CURRENT APPLICATION NUMBER: US/11/093,274  
CURRENT FILING DATE: 2005-03-28  
PRIOR APPLICATION NUMBER: 60/557,741  
PRIOR FILING DATE: 2004-03-29  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 39  
LENGTH: 977  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-11-093-274-39

Query Match 55.2%; Score 233; DB 7; Length 977;  
Best Local Similarity 99.7%; Pred. No. 1.1e-217;  
Matches 333; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1 SLFVTPVPSRPILTLKVPRAQAVVGDLELHCEAPRGSPILYFHYEDVTLGSSAPSG 60  
DB 556 SLFVTPVPSRPILTLKVPRAQAVVGDLELHCEAPRGSPILYFHYEDVTLGSSAPSG 615  
QY 61 GRASNLSTFHSNGVSCBANGVAOHSPTLSVTPVPSRPILTFRAPRAQAVVGD 120  
DB 616 GRASNLSTFHSNGVSCBANGVAOHSPTLSVTPVPSRPILTFRAPRAQAVVGD 675  
QY 121 LELHCEALRGSSPLLYFHYEDVTLLKISAPSGGASPNLSITFHSGLTSCADNGLA 180  
DB 676 LELHCEALRGSSPLLYFHYEDVTLLKISAPSGGASPNLSITFHSGLTSCADNGLA 735  
QY 181 QRSSEVTLKAVAPVSRVTLTAPGTHAAGVGLLELHCEALRGSPILYFHYEDVTLL 240  
DB 736 QRSSEVTLKAVAPVSRVTLTAPGTHAAGVGLLELHCEALRGSPILYFHYEDVTLL 795  
QY 241 RSPSGGASLNLSTFHSNGVSCBANGVAOHSPTLSVTPVPSRPILTFRAPRAQAVV 300  
DB 796 RSPSGGASLNLSTFHSNGVSCBANGVAOHSPTLSVTPVPSRPILTFRAPRAQAVV 855

QY 301 LLSIAGIAGALLIYCWLSRKGRKPASDPARSP 334  
DB 856 LLSIAGIAGALLIYCWLSRKGRKPASDPARSP 889

## RESULT 2

US-10-514-534-9  
; Sequence 9, Application US/10514534  
; Publication No. US20050287147A1  
; GENERAL INFORMATION:  
; APPLICANT: Avalon Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy  
; FILE REFERENCE: 689290-218  
; CURRENT FILING DATE: 2004-11-12  
; PRIOR APPLICATION NUMBER: US/60/380,612  
; PRIOR FILING DATE: 2002-05-15  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 9  
; LENGTH: 192  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-514-534-9

Query Match 5.5%; Score 23; DB 6; Length 192;  
Best Local Similarity 100.0%; Pred. No. 7,6e-15;  
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 63 ASFNLSLTAEHSGNYSCEANNGL 85  
DB 99 ASFNLSLTAEHSGNYSCEANNGL 121

## RESULT 3

US-10-514-534-8  
; Sequence 8, Application US/10514534  
; Publication No. US20050287147A1  
; GENERAL INFORMATION:  
; APPLICANT: Avalon Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy  
; FILE REFERENCE: 689290-218  
; CURRENT APPLICATION NUMBER: US/10/514,534  
; CURRENT FILING DATE: 2004-11-12  
; PRIOR APPLICATION NUMBER: US/60/380,612  
; PRIOR FILING DATE: 2002-05-15  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 8  
; LENGTH: 255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-514-534-8

Query Match 5.5%; Score 23; DB 6; Length 255;  
Best Local Similarity 100.0%; Pred. No. 9,7e-15;  
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 63 ASFNLSLTAEHSGNYSCEANNGL 85  
DB 99 ASFNLSLTAEHSGNYSCEANNGL 121

## RESULT 4

US-10-514-534-6  
; Sequence 6, Application US/10514534  
; Publication No. US20050287147A1  
; GENERAL INFORMATION:  
; APPLICANT: Avalon Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy  
; FILE REFERENCE: 689290-218  
; CURRENT APPLICATION NUMBER: US/10/514,534  
; CURRENT FILING DATE: 2004-11-12

; PRIOR APPLICATION NUMBER: US/60/380,612  
; PRIOR FILING DATE: 2002-05-15  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6  
; LENGTH: 341  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-514-534-6

Query Match 5.5%; Score 23; DB 6; Length 341;  
Best Local Similarity 100.0%; Pred. No. 1,3e-14;  
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 63 ASFNLSLTAEHSGNYSCEANNGL 85  
DB 99 ASFNLSLTAEHSGNYSCEANNGL 121

## RESULT 5

US-10-514-534-7  
; Sequence 7, Application US/10514534  
; Publication No. US20050287147A1  
; GENERAL INFORMATION:  
; APPLICANT: Avalon Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy  
; FILE REFERENCE: 689290-218  
; CURRENT APPLICATION NUMBER: US/10/514,534  
; CURRENT FILING DATE: 2004-11-12  
; PRIOR APPLICATION NUMBER: US/60/380,612  
; PRIOR FILING DATE: 2002-05-15  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 7  
; LENGTH: 508  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-514-534-7

Query Match 5.5%; Score 23; DB 6; Length 508;  
Best Local Similarity 100.0%; Pred. No. 1,8e-14;  
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 63 ASFNLSLTAEHSGNYSCEANNGL 85  
DB 352 ASFNLSLTAEHSGNYSCEANNGL 374

## RESULT 6

US-11-093-274-41  
; Sequence 41, Application US/11093274  
; Publication No. US20050266008A1  
; GENERAL INFORMATION:  
; APPLICANT: Graziano, Robert  
; APPLICANT: Cardarelli, Josephine M.  
; APPLICANT: Kempe, Thomas  
; APPLICANT: Cutler, Beth  
; APPLICANT: Srinivasan, Mohan  
; TITLE OF INVENTION: IRTA-5 ANTIBODIES AND THEIR USES  
; FILE REFERENCE: 04280/1201101-US1  
; CURRENT APPLICATION NUMBER: US/11/093,274  
; CURRENT FILING DATE: 2005-03-28  
; PRIOR APPLICATION NUMBER: 60/557,741  
; PRIOR FILING DATE: 2004-03-29  
; NUMBER OF SEQ ID NOS: 41  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 41  
; LENGTH: 508  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-093-274-41

Query Match 5.5%; Score 23; DB 7; Length 508;

Best Local Similarity 100.0%; Pred. No. 1.8e-14;  
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 63 ASFNISLTAHSGNYSCAANNGL 85  
Db 352 ASFNISLTAHSGNYSCAANNGL 374

RESULT 7  
US-11-093-274-40  
; Sequence 40, Application US/11093274  
; Publication No. US2005026608A1  
; GENERAL INFORMATION:  
; APPLICANT: Graziano, Robert  
; APPLICANT: Cardarelli, Josephine M.  
; APPLICANT: Kempe, Thomas  
; APPLICANT: Cutler, Beth  
; APPLICANT: Srinivasan, Mohan  
; TITLE OF INVENTION: RTA-5 ANTIBODIES AND THEIR USES  
; FILE REFERENCE: 04280/1201101-US1  
; CURRENT FILING DATE: 2005-03-28  
; PRIOR FILING DATE: 2004-03-29  
; NUMBER OF SEQ ID NOS: 41  
; SOFTWARE: Patent version 3.2  
; SEQ ID NO: 40  
; LENGTH: 734  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-093-274-40

Query Match 4.0%; Score 17; DB 7; Length 734;  
Best Local Similarity 100.0%; Pred. No. 1.6e-08;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 63 ASFNISLTAHSGNYSC 79  
Db 435 ASFNISLTAHSGNYSC 451

RESULT 8  
US-11-093-274-37  
; Sequence 37, Application US/11093274  
; Publication No. US2005026608A1  
; GENERAL INFORMATION:  
; APPLICANT: Graziano, Robert  
; APPLICANT: Cardarelli, Josephine M.  
; APPLICANT: Kempe, Thomas  
; APPLICANT: Cutler, Beth  
; APPLICANT: Srinivasan, Mohan  
; TITLE OF INVENTION: RTA-5 ANTIBODIES AND THEIR USES  
; FILE REFERENCE: 04280/1201101-US1  
; CURRENT FILING DATE: 2005-03-28  
; PRIOR FILING DATE: 2004-03-29  
; NUMBER OF SEQ ID NOS: 41  
; SOFTWARE: Patent version 3.2  
; SEQ ID NO: 37  
; LENGTH: 429  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-093-274-37

Query Match 3.6%; Score 15; DB 7; Length 429;  
Best Local Similarity 100.0%; Pred. No. 8.7e-07;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 149 SAPSGGASFNLSLT 163  
Db 253 SAPSGGASFNLSLT 267

RESULT 9  
US-10-821-234-1015  
; Sequence 1015, Application US/10821234  
; Publication No. US20050255114A1  
; GENERAL INFORMATION:  
; APPLICANT: Lbat, Ivan  
; APPLICANT: Stache-Crain, Birgit  
; APPLICANT: Andaman, Susan  
; APPLICANT: Wang, Y. from  
; TITLE OF INVENTION: Methods for diagnosis and treatment of Preeclampsia  
; FILE REFERENCE: 821A  
; CURRENT FILING DATE: 2004-04-07  
; PRIOR FILING DATE: 2003-04-07  
; NUMBER OF SEQ ID NOS: 1704  
; SOFTWARE: pc\_seq\_genes version 1.0  
; SEQ ID NO: 1015  
; LENGTH: 555  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-821-234-1015

Query Match 2.1%; Score 9; DB 6; Length 555;  
Best Local Similarity 100.0%; Pred. No. 0.72;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 162 LTTBHSIGY 170  
Db 350 LTTBHSIGY 358

RESULT 10  
US-11-064-785-18  
; Sequence 18, Application US/11064785  
; Publication No. US20050256030A1  
; GENERAL INFORMATION:  
; APPLICANT: FENG, BAINIAN  
; TITLE OF INVENTION: HETEROCYCLIC SELF-IMMOLATIVE LINKERS AND  
; FILE REFERENCE: 39766-0143A  
; CURRENT FILING DATE: 2005-02-22  
; PRIOR FILING DATE: 2004-02-23  
; NUMBER OF SEQ ID NOS: 18  
; SOFTWARE: PastSeq for Windows Version 4.0  
; SEQ ID NO: 18  
; LENGTH: 7  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-064-785-18

Query Match 1.7%; Score 7; DB 7; Length 7;  
Best Local Similarity 100.0%; Pred. No. 7.7e+04;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 416 ASSAPHR 422  
Db 1 ASSAPHR 7

RESULT 11  
US-10-986-501-198  
; Sequence 198, Application US/10986501  
; Publication No. US20050244845A1  
; GENERAL INFORMATION:  
; APPLICANT: Ruben et al.  
; TITLE OF INVENTION: 90 Human Secreted Proteins  
; FILE REFERENCE: P2013P2C1  
; CURRENT FILING DATE: 2004-11-12

;; PRIOR APPLICATION NUMBER: US/10/621,363  
;; PRIOR FILING DATE: 2003-07-18  
;; PRIOR APPLICATION NUMBER: 09/969,730  
;; PRIOR FILING DATE: 2001-10-06  
;; PRIOR APPLICATION NUMBER: 09/774,639  
;; PRIOR FILING DATE: 2001-02-01  
;; PRIOR APPLICATION NUMBER: 60/238,291  
;; PRIOR FILING DATE: 2000-10-06  
;; PRIOR APPLICATION NUMBER: 09/244,112  
;; PRIOR FILING DATE: 1999-02-04  
;; PRIOR APPLICATION NUMBER: PCT/US98/16235  
;; PRIOR FILING DATE: 1998-08-04  
;; PRIOR APPLICATION NUMBER: 60/056,371  
;; PRIOR FILING DATE: 1997-08-19  
;; PRIOR APPLICATION NUMBER: 60/056,732  
;; PRIOR FILING DATE: 1997-08-19  
;; PRIOR APPLICATION NUMBER: 60/056,366  
;; PRIOR FILING DATE: 1997-08-19  
;; PRIOR APPLICATION NUMBER: 60/056,364  
;; PRIOR FILING DATE: 1997-08-19  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 373  
;; SOFTWARE: PatentIn Ver. 2.0  
;; SEQ ID NO 198  
;; LENGTH: 125  
;; TYPE: PRT  
;; ORGANISM: Homo sapiens  
US-10-986-501-198

Query Match 1.7%; Score 7; DB 6; Length 125;  
Best Local Similarity 100.0%; Pred. No. 16;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 307 LAAGALL 313  
Db 39 LAAGALL 45

RESULT 12  
US-11-072-512-2940  
;; Sequence 2940, Application US/11072512  
;; Publication No. US2006029945A1  
;; GENERAL INFORMATION:  
;; APPLICANT: ISOGAI, TAKAO  
;; APPLICANT: SUGIYAMA, TOMOYASU  
;; APPLICANT: OTSUKI, TETSUJI  
;; APPLICANT: WAKAMATSU, AI  
;; APPLICANT: SANTO, HIROYUKI  
;; APPLICANT: ISHII, SHIZUKO  
;; APPLICANT: YAMAMOTO, JUN-ICHI  
;; APPLICANT: ISONO, YUUKO  
;; APPLICANT: HIO, YURI  
;; APPLICANT: OTSUKA, KAORU  
;; APPLICANT: NAGAI, KEIICHI  
;; APPLICANT: IRIE, RYOTARO  
;; APPLICANT: TAMECHIKA, ICHIRO  
;; APPLICANT: SEKI, NAOHICO  
;; APPLICANT: YOSHIKAWA, TSUTOMU  
;; APPLICANT: OTSUKA, MOTOKUKI  
;; APPLICANT: NAGAHARI, KENJI  
;; APPLICANT: MASUHO, YASUHIKO  
;; TITLE OF INVENTION: Novel full length cDNA  
;; FILE REFERENCE: 084335-0191  
;; CURRENT APPLICATION NUMBER: US/11/072,512  
;; CURRENT FILING DATE: 2005-03-07  
;; PRIOR APPLICATION NUMBER: US 60/350,978  
;; PRIOR FILING DATE: 2002-01-25  
;; PRIOR APPLICATION NUMBER: JP 2001-379298  
;; PRIOR FILING DATE: 2001-11-05  
;; NUMBER OF SEQ ID NOS: 4096  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO 2940  
;; LENGTH: 130

;; TYPE: PRT  
;; ORGANISM: Homo sapiens  
US-11-072-512-2940

Query Match 1.7%; Score 7; DB 7; Length 130;  
Best Local Similarity 100.0%; Pred. No. 17;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 54 SSSAPSG 60  
Db 56 SSSAPSG 62

RESULT 13  
US-10-131-826A-504  
;; Sequence 504, Application US/10131826A  
;; Publication No. US20050245730A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Baker, Kevin P.  
;; APPLICANT: Beresini, Maureen  
;; APPLICANT: DeForge, Laura  
;; APPLICANT: Desnoyers, Luc  
;; APPLICANT: Filvaroff, Ellen  
;; APPLICANT: Gao, Wei-Qiang  
;; APPLICANT: Gerltsen, Mary E.  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Sherwood, Steven  
;; APPLICANT: Smith, Victoria  
;; APPLICANT: Stewart, Timothy A.  
;; APPLICANT: Thomas, Daniel  
;; APPLICANT: Watanabe, Colin K  
;; APPLICANT: Wood, William  
;; APPLICANT: Zhang, Zemin  
;; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
;; FILE REFERENCE: P3330R1C128  
;; CURRENT APPLICATION NUMBER: US/10/131,826A  
;; CURRENT FILING DATE: 2002-04-24  
;; PRIOR APPLICATION NUMBER: 60/049911  
;; PRIOR FILING DATE: 1997-06-18  
;; PRIOR APPLICATION NUMBER: 60/056974  
;; PRIOR FILING DATE: 1997-08-26  
;; PRIOR APPLICATION NUMBER: 60/059113  
;; PRIOR FILING DATE: 1997-09-17  
;; PRIOR APPLICATION NUMBER: 60/059115  
;; PRIOR FILING DATE: 1997-09-17  
;; PRIOR APPLICATION NUMBER: 60/059117  
;; PRIOR FILING DATE: 1997-09-17  
;; PRIOR APPLICATION NUMBER: 60/059122  
;; PRIOR FILING DATE: 1997-09-17  
;; PRIOR APPLICATION NUMBER: 60/059184  
;; PRIOR FILING DATE: 1997-09-17  
;; PRIOR APPLICATION NUMBER: 60/059263  
;; PRIOR FILING DATE: 1997-09-18  
;; PRIOR APPLICATION NUMBER: 60/059352  
;; PRIOR FILING DATE: 1997-09-19  
;; PRIOR APPLICATION NUMBER: 60/059588  
;; PRIOR FILING DATE: 1997-09-19  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 550  
;; SEQ ID NO 504  
;; LENGTH: 163  
;; TYPE: PRT  
;; ORGANISM: Homo Sapien  
US-10-131-826A-504

Query Match 1.7%; Score 7; DB 6; Length 163;  
Best Local Similarity 100.0%; Pred. No. 21;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 VPRAGAV 23

Db 15 VPRQAV 21

RESULT 14  
US-10-467-657-16  
; Sequence 16, Application US/10467657  
; Publication No. US20050260581A1  
; GENERAL INFORMATION:  
; APPLICANT: CHIRON SPA  
; APPLICANT: FONTANA Maria Rita  
; APPLICANT: PIZZA Mariagrazia  
; APPLICANT: MASIGNANI Vega  
; APPLICANT: MONACI Elisabetta  
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS  
; FILE REFERENCE:  
; CURRENT APPLICATION NUMBER: US/10/467,657  
; CURRENT FILING DATE: 2003-08-11  
; PRIOR APPLICATION NUMBER: GB-0103424.8  
; PRIOR FILING DATE: 2001-02-12  
; NUMBER OF SEQ ID NOS: 9218  
; SOFTWARE: SeqWln99, version 1.04  
; SEQ ID NO: 16  
; LENGTH: 202  
; TYPE: PRT  
; ORGANISM: Neisseria gonorrhoeae  
US-10-467-657-16

Query Match 1.7%; Score 7; DB 6; Length 202;  
Best Local Similarity 100.0%; Pred. No. 25;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 304 INGLAG 310  
Db 57 INGLAG 63

RESULT 15  
US-10-467-657-5648  
; Sequence 5648, Application US/10467657  
; Publication No. US20050260581A1  
; GENERAL INFORMATION:  
; APPLICANT: CHIRON SPA  
; APPLICANT: FONTANA Maria Rita  
; APPLICANT: PIZZA Mariagrazia  
; APPLICANT: MASIGNANI Vega  
; APPLICANT: MONACI Elisabetta  
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS  
; FILE REFERENCE:  
; CURRENT APPLICATION NUMBER: US/10/467,657  
; CURRENT FILING DATE: 2003-08-11  
; PRIOR APPLICATION NUMBER: GB-0103424.8  
; PRIOR FILING DATE: 2001-02-12  
; NUMBER OF SEQ ID NOS: 9218  
; SOFTWARE: SeqWln99, version 1.04  
; SEQ ID NO: 5648  
; LENGTH: 202  
; TYPE: PRT  
; ORGANISM: Neisseria gonorrhoeae  
US-10-467-657-5648

Query Match 1.7%; Score 7; DB 6; Length 202;  
Best Local Similarity 100.0%; Pred. No. 25;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 304 INGLAG 310  
Db 57 INGLAG 63

Search completed: February 17, 2006, 07:02:42  
Job time : 10.0082 secs

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